

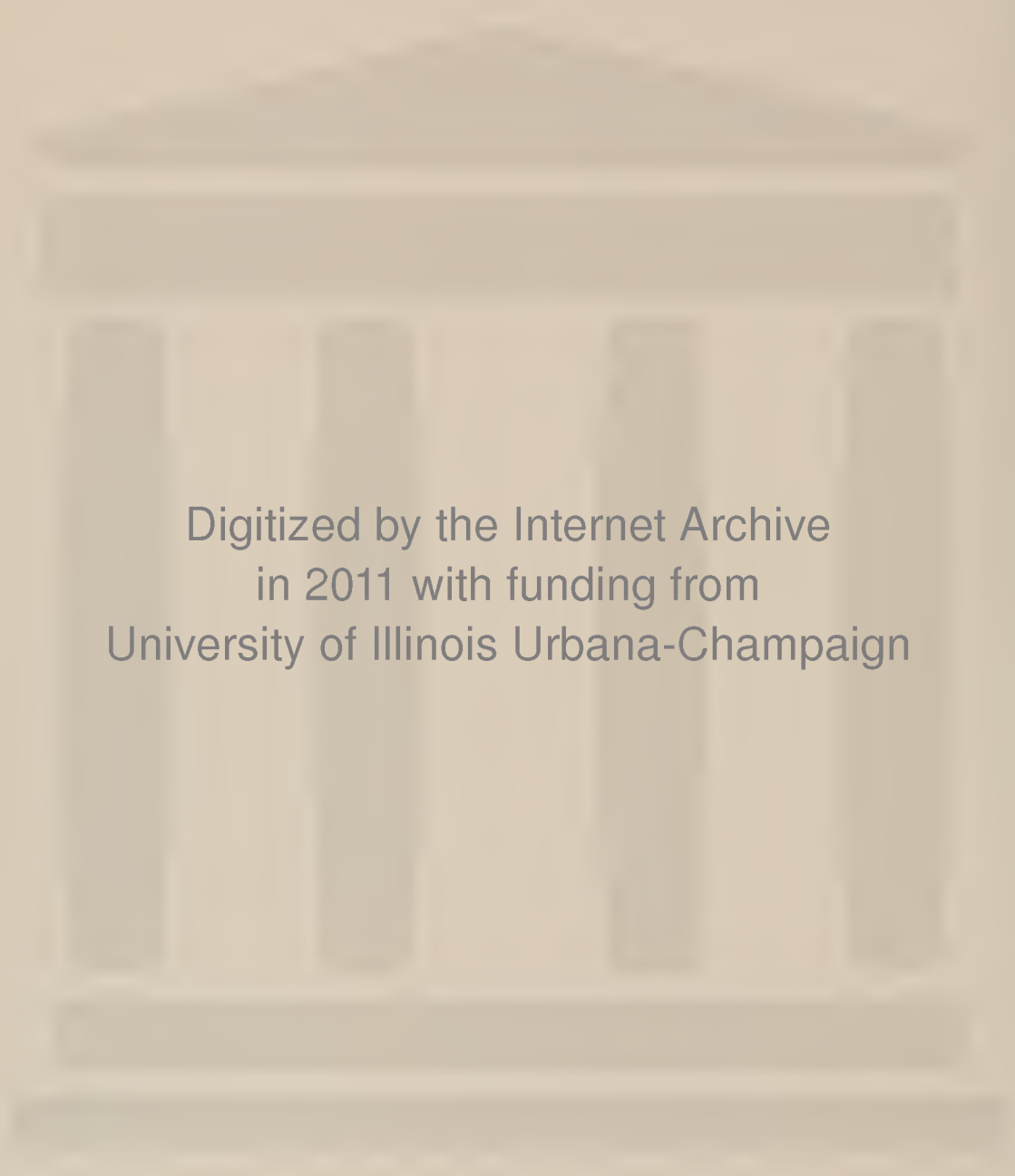
Soybean Variety Test Results in Illinois - 1992



*Performance
Information Provided by*

*Dept. of Agronomy
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at the
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PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS

THE UNIVERSITY OF ILLINOIS commercial soybean testing program was started in 1969 as a result of requests by seedsmen that their private varieties be tested. The number of seed companies participating has remained around 70 or 80 for the past ten years.

The purpose of this commercial soybean testing program is to provide unbiased, objective, and accurate testing of all varieties entered. The tests are conducted on as uniform a soil as is available in the testing area. Small plots are used to reduce the chance of soil and climatic variations occurring between one variety plot and another.

The results of these tests should help you judge the merits of varieties in comparison with other private and public varieties. Because your soils and management may differ from those of the test location, you may wish to plant variety strips of the higher-performing varieties on your farm. The results printed in this circular should help you decide which varieties to try.

TEST PROGRAM

Selection of entries. Soybean producers in Illinois and surrounding states were invited to enter varieties, brands, or blends in the 1992 Illinois soybean performance trials. Entrants were required to enter all nonirrigated, 30-inch-row-width trials on a regional basis (entry in a minimum of two locations required). To help finance the testing program, a fee of \$60 per location was charged for each entry entered by the seed producer. Most of these varieties, brands, or blends are commercially available, but some experimental varieties were also entered.

A total of 2,037 entries were tested in 1992. **Number and location of tests.** In 1992, tests were conducted at 9 locations in the state (see map). These sites represent the major soils and maturity zones of the state.

Nonirrigated, 30-inch-row-width trials were conducted on a regional basis. The regions are as follows:

- Regional I DeKalb and Dwight
- Regional II Monmouth and Urbana
- Regional III Monmouth and Perry
- Regional IV Urbana and Perry
- Regional V Brownstown and Belleville
- Regional VI Carbondale and Dixon Springs

Seven-inch-row-width trials were conducted at Dwight, Urbana, and Brownstown.

Field plot design. Entries of each test were replicated three times in a randomized complete block or alpha lattice design. The 30-inch-row trial plots consisted of four rows, each 20.5 feet long. The center two rows of each plot were harvested to measure yield. The 7-inch-row trial plots consisted of eight rows, each 20.5 feet long. The center six rows were harvested to measure yield. All plots were end-trimmed prior to harvest.

Fertility and weed control. All test locations were at a high level of fertility. Herbicides were used at all test locations for weed control. All plots were also weeded by hand.

Method of planting and harvesting. The 30-inch-row variety trials were planted with a modified bean planter. A custom-built, cone type, narrow-row drill was used to plant the 7-inch trials. Harvesting was done with a small-plot combine. No allowances were made for beans that may have been lost as a result of combining or shattering.

PERFORMANCE DATA

Yield. Soybean yield was measured in bushels (60 pounds) per acre at a moisture content of 12.5 percent. An electronic moisture monitor was used on the combine for all moisture readings.

Maturity. Maturity was stated as the date when approximately 95 percent of the pods were ripe.

Lodging. The amount of lodging was rated at harvest time. The following scale was used:

- 1 - Almost all plants erect
- 2 - All plants leaning slightly or a few plants down
- 3 - All plants leaning moderately (45°), or 25 to 50 percent of the plants down
- 4 - All plants leaning considerably, or 50 to 80 percent of the plants down
- 5 - Almost all plants down

Height. Height was measured shortly before harvest as the average length of plants from the ground to the tip of the main stem.

Shattering. The percentage of open pods was estimated at harvest time. The following scale was used:

- 1 - No shattering
- 2 - 1 to 10% of pods open
- 3 - 10 to 25% of pods open
- 4 - 25 to 50% of pods open
- 5 - Over 50% of pods open

SUGGESTIONS FOR COMPARING ENTRIES

It is impossible to obtain an exact measure of performance when conducting any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests are more reliable than those of a single year or a single-strip test. When one variety consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be considered in selecting a variety. However, yield is not the only indicator. You should also consider maturity, lodging, and germination.

As an aid in comparing soybean varieties, brands, and blends within a single trial, certain statistical tests have been devised. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson¹ is quite simple to apply and is more appropriate than most other tests. When two entries are compared and the difference

between them is greater than the tabulated L.S.D. value, the entries are judged to be "significantly different."

When the observed mean of entry A is larger than that of entry B and the difference between them is found to be significant, then either (1) the mean of entry A really is larger than that of entry B, and a correct decision has been made regarding the means; (2) the means of entries A and B are really equal, and a Type I statistical error has been made (that is, the means were declared to be unequal when they were actually equal); or (3) the mean of entry B is really larger than that of entry A, and a reverse decision or Type II statistical error has been made (that is, the mean of entry A was declared to be greater than that of entry B, when the reverse is true).

When no significant difference is found between two entries, then either (1) the means are really equal and a correct decision has been made; or (2) the means are really different, and a Type II statistical error has been made (that is, the means were declared to be equal when they really are different). In a study of the frequencies of occurrence of these three types of statistical errors and their relative seriousness, Carmer² found strong arguments for an optimal significance level in the range $\alpha = 0.20$ to 0.40 , where α is the Type I statistical error rate for comparisons between means that are really equal. Herein, values of $\alpha = 0.10$ and 0.30 are used in computing the L.S.D. 10- and 30-percent levels shown in the tables.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing entries. Readers who compare entries in different trials or row spacings should be extremely careful, because no statistical tests are presented for that purpose. Readers should note that the difference between a single entry's performance at one location or row spacing and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of entry A in one trial or row spacing and the performance of entry B in another trial or row spacing is the result not only of environmental effects and random variability, but of genetic effects as well.

¹Carmer, S.G. and M.R. Swanson. "An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods." *Journal of American Statistical Association* 68:66-74. 1973.

²Carmer, S.G. "Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials." *Crop Science* 16:95-99, 1976.

1992 TEST FIELDS

DeKalb

Location: University of Illinois, Northern Illinois Research Center, southwest of DeKalb.

Soil type: Flanagan silt loam (dark brown, adequately drained, highly fertile).

Cooperators: Dave Lindgren, farm foreman; Lyle Paul, research director.

Planting date: May 4.

Harvest dates: October 13 & 21.



1992 TEST FIELDS (con't.)

Dwight

Location: Livingston County.

Soil type: Elliott silty clay loam.

Cooperator: Larry Zabel.

Planting date: May 3.

Harvest dates: September 24, 25 & October 6.

Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center, northwest of Monmouth.

Soil type: Muscatine silt loam.

Cooperators: Mike Mainz, agronomist; Roland Caulkins, farm foreman.

Planting date: April 30.

Harvest dates: September 23, October 5.

Urbana

Location: University of Illinois Agronomy South Farm, Champaign County, east central Illinois.

Soil type: Flanagan silt loam (dark brown, adequately drained).

Cooperators: M.G. Oldham, farm manager; Mike Plotner, farm foreman.

Planting dates: May 8.

Harvest dates: September 19, 29, 30, & October 4.

Perry

Location: Orr Research Center, near Perry, Pike County, south central Illinois.

Soil type: Muscatine silt loam (moderately poorly drained).

Cooperators: Glenn Raines, research director; Mike Vose, farm foreman.

Planting date: May 1.

Harvest dates: September 15 & 16.

1992 TEST FIELDS (con't.)

Brownstown

Location: University of Illinois Brownstown Experimental Field, Fayette County, south central Illinois.

Soil type: Cisne silt loam (poorly drained, gray prairie with a well-developed claypan).

Cooperators: Jim Carter, farm foreman.

Planting date: June 5.

Harvest dates: September 29 & October 9.

Belleville

Location: Southern Illinois University Research Center, east of Belleville, St. Clair County.

Soil type: Ebbert silt loam.

Cooperators: Ron Krausz, researcher; George Kapusta, research director.

Planting date: May 11.

Harvest date: September 28 & October 12.

Carbondale

Location: Southern Illinois University Agronomy Research Center, extreme southern Illinois.

Soil type: Weir silt loam (shallow, silty loam over claypan).

Cooperators: Paul Pinnon, field manager; George Kapusta, agronomist.

Planting date: May 13.

Harvest dates: September 17 & October 7 & 22.

Dixon Springs

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.

Soil type: Belknap silt loam (light-colored, moderately well-drained, medium-textured bottomland).

Cooperators: Steve Ebelhar, research director; Ron Hines, research specialist.

Planting date: May 12.

Harvest dates: September 17 & October 7 & 22.

GROWING SEASON RAINFALL, 1992

<u>Location</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>
DeKalb	0.78	2.37	6.37	1.21	5.97
Dwight	0.30	1.90	9.20	0.60	4.20
Monmouth	0.26	1.50	9.87	1.41	5.03
Urbana	2.40	2.63	13.64	1.72	3.12
Perry	1.72	0.63	5.49	0.39	3.86
Brownstown	2.36	0.36	3.76	2.16	2.42
Belleville	1.05	2.20	3.80	2.80	2.70
Carbondale	1.54	1.08	2.31	1.90	6.24
Dixon Springs	2.39	2.98	5.26	1.53	7.50

1992 GROWING SEASON COMMENTS

The growing season started cool and dry, especially in Northern Illinois, which resulted in slow emergence and growth and some frost injury. Rainfall in the month of July seems to have been the key to some very good yields at most of our locations. A few areas in Southern Illinois missed the July rain and lower yields resulted.

Harvest was complete by October 22, which is very good considering the cool summer weather. Excellent weather from late September through October sped soybean maturity and allowed timely completion of harvest.

SOURCES OF SEED

AgraTech, AgraTech Seeds Inc., 5559 N. 500 W., McCordsville, IN 46055

Agrigene, Agrigene Seed Research, R.R. 2, P.O. Box 3A, Ames, IA 50010

Agrinetics, Agrinetics, Inc., P.O. Box 151, Naperville, IL 60566

Ainsworth, Ainsworth Seed Co., R.R. 1, P.O. Box 153, Mason City, IL 62664

Asgrow, Asgrow Seed Co., P.O. Box 7570, Des Moines, IA 50322

Baird, Baird Seed Co., R.R. 1, Williamsfield, IL 61489

Baker, Baker Seed Co., 610 W. Seminary, West Salem, IL 62476

Belleville, Belleville Seed House, 3400 S. Illinois St., Belleville, IL 62220

Bergmann-Taylor, Bergmann-Taylor Seeds, Inc., P. O. Box 317, St. Jacob, IL 62281

Bio-Delt, Bio-Delt Ltd., 4735 Sergeant Rd., Waterloo, IA 50701

Brown, Brown Seeds, Rt. 1, P.O. Box 358 A, Neoga, IL 62447

Butzow Seeds, Butzow Seeds, P.O. Box 84, Sidney, IL 61877

Callahan, Callahan Enterprises, Inc., 4640 E. State Rd. 32, Lebanon, IN 46052

Challenger, Challenger Seed Co., P. O. Box 747, Cedar Falls, IA 50613

Ciba-Geigy, Ciba-Geigy Seed Division, 3615 S. Hilton Ln., Peoria, IL 61607

Coutant, Coutant Seed Farm, 1612 Reynolds Dr., Charleston, IL 61920

Dairyland, Dairyland Seed Co., Inc., P.O. Box 958, 3470 Hwy H, West Bend, WI 53095

DeKalb, DeKalb Plant Genetics, 3100 Sycamore Road, DeKalb, IL 60115

Deraedt, Deraedt Seed Co., P.O. Box 115, Plato Center, IL 60170

Diener, Diener Bros., Inc., R.R. 1, P.O. Box 16A, Reynolds, IN 47980

Golden Harvest, Garwood Seed Co., R.R. 1, P.O. Box 20, Stonington, IL 62567

Golden Harvest, Golden Seed Co., 27420 137th Ave. N., Cordova, IL 61242

Golden Harvest, Sommer Bros. Seed Co., P.O. Box 248, Pekin, IL 61554

Golden Harvest, Thorp Seed Co., R.R. 3, P.O. Box 257, Clinton, IL 61727

Great Heart, Great Heart Seed Co., 220 W. Washington, Paris, IL 61944

Great Lakes, Great Lakes Hybrids, 9915 W. M-21, Ovid, MI 48866

Griffith, Griffith Seed Co., P.O. Box 38, McNabb, IL 61335

Growmark, Growmark Inc., 1701 Towanda Ave., Bloomington, IL 61701

Henkel, Henkel Seeds, 107 Cedar Grove Rd., Mendota, IL 61342
Hoblit, Hoblit Seed Co., P.O. Box 487, Atlanta, IL 61723
Hubner, Hubner Seed Co. Inc., R.R. 1, P.O. Box 92, West Lebanon, IN 47991
HyPerformer, HyPerformer Seed Co., 6075 Poplar, Suite 500, Memphis, TN 38119
I.C.I., I.C.I. Seeds Inc., R.R. 2, P.O. Box 92A, Carroll, IA 51401
Jacob Hartz, Jacob Hartz Seed Co., Inc., P.O. Box 946, Stuttgart, AR 72160
Jacques, Jacques Seed Co., P.O. Box 84, R.R. 2, Lincoln, IL 62656
J.M. Schultz, J.M. Schultz Seed Co., P.O. Box 211, Dieterich, IL 62424
Jader, Jader Seed, P.O. Box 212, Ridgway, IL 62979
Kaltenberg, Kaltenberg Seed Farms, Inc., P.O. Box 278, Waunakee, WI 53597
Kitchen, Kitchen Seed Co., Inc., P.O. Box 286, Arthur, IL 61911
Kruger, Kruger Seed Co., P.O. Box A, Hwy. 20 E., Dike, IA 50624
Lewis, Lewis Hybrids, Inc., P.O. Box 38, Ursa, IL 62376
Lynds, Lynds Seeds, P.O. Box 637, Marshalltown, IA 50158
McAllister, McAllister Seed Co., P.O. Box 28, Mt. Pleasant, IA 52641
McCurdy, Agrigene Seed Research, R.R. 2, P.O. Box 3A, Ames, IA 50010
Merschman, Merschman Seeds, 103 Ave. D, West Point, IA 52656
Muirhead, Muirhead Farms, 42W814 Rohrsen Rd., Plato Center, IL 60170
NobleBear, NobleBear, Inc., P.O. Box 950, N. Wyckles Rd., Decatur, IL 62525
Northrup King, Northrup King Co., 1324 E. Empire St., Bloomington, IL 61701
Payco Seeds, Interstate/Payco, P.O. Box 338, W. Fargo, ND 58078-0338
Pioneer, Pioneer Hi-Bred International, Inc., 1000 West Jefferson St., Tipton, IN 46072
Plt Brdg Consultants, Plant Breeding Consultants, P.O. Box 972, Urbana, IL 61801
Prairie Stream, Prairie Stream Farms, Inc., R.R. 3, P.O. Box 333, Frankfort, IN 46041
Princeton, Princeton Farms, P.O. Box 319, Princeton, IN 47670
ProfiSeed, ProfiSeed, Inc., Rt. 2, Hampton, IA 50441
Public Varieties, Illinois Foundation Seeds, Inc., P. O. Box 722, Champaign, IL 61820
Renk, Renk Seed Co., 6800 Wilborn Rd., Sun Prairie, WI 53590
Shissler, Shissler Seed Co., R.R. 3, Elmwood, IL 61529
Sieben, Sieben Hybrids, Inc., Rt. 82 N., Geneseo, IL 61254
Southern Cross, Miles Seed Co., 2760 Keller Rd., Owensboro, KY 42301
Southern States, Southern States Coop., P.O. Box 26234, Richmond, VA 23233
Sparta, Sparta Seed Co., R.R. 5, Box 32A, Galesburg, IL 61401
Stewart, Stewart Hybrids Inc., R.R. 1, Box 8, Princeville, IL 61559

Stine, Stine Seed Farm, Inc., 2225 Laredo Trail, Adel, IA 50003
Stone, Stone Seed Farms, Inc., R.R. 2, Pleasant Plains, IL 62677
Sun-Ag, Sun-Ag Seed, P.O. Box 227, El Paso, IL 61738
Terra, Terra International, Inc., 600 4th St., Sioux City, IA 51101
Tri-County Stockdale, Tri-County Stockdale, R.R. 5, Black Rd., Joliet, IL 60435
Trisler, Trisler Seed Farms, Inc., R.R. 1, Box 153, Fairmount, IL 61841
Twin States, Twin States Seed Co. Inc., P.O. Box 428, Hoopeston, IL 60942
U.A.P., U.A.P. Seed Co., 111 Canvasback Dr., Terre Haute, IN 47802
Uphoff, Uphoff Seeds, P.O. Box 647, Charleston, IL 61920
Vigoro, Vigoro, 2007 W. Hwy. 50, P.O. Box 4139, Fairview Heights, IL 62208-2928
Voris, Voris Seeds, Inc., P.O. Box 457, Windfall, IN 46076
Wildy Seed, Wildy Seed Inc., 7718 Wildy Rd., New Athens, IL 62264
Wilken, Wilken Seed Grains, Inc., R.R. 4, P.O. Box 770, Pontiac, IL 61764
Wilson, Wilson Seeds, Inc., P.O. Box 391, Harlan, IA 51537

1992 ENTRIES

ENTRY

BRAND (X)	CERTIFIED (C)	BLEND (B)	PROTECTED (P)	EXPERIMENTAL (E)	VARIETY (V)	MATURITY TRIALS	RELEASED (R)	GROUP ENTERED*
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AGRATECH

350 (X)(V)(R)	III						2,3,4
380 (X)(V)(R)	III						2,3,4
495 (V)(R)	IV						5,6

AGRIGENE

AG 427 (V)(R)(P)	II						1
AG 533 (V)(R)(P)	III						3
AG 439 (V)(R)(P)	.....	III						4

AGRINETICS

AGRISOY 155 (V)(R)(P)	..	I						1
AGRISOY 2209 (V)(R)(P)	..	II						1
AGRISOY 222 (V)(R)(P)	..	II						1
AGRISOY 224 (V)(R)(P)	..	II						1
AGRISOY 235 (V)(R)(P)	..	II						1
AGRISOY 240 (V)(R)(P)	..	II						1

AINSWORTH

2A-88 (X)(V)(R)	.....	II						2,3,4,U
DISCOVERY (X)(V)(R)	..	II						2,3,4,U
3A-69 (X)(V)(R)	.....	III						2,3,4,U
3A-89 N (X)(V)(R)	.....	III						2,3,4
3A-33 N (X)(V)(R)	.....	III						2
3A-55 (X)(V)(R)	.....	III						3,U
TITAN (X)(V)(R)	.....	III						4

ASGROW

A 2242 (V)(R)(P)	.....	II						1
A 2396 (V)(R)(P)	.....	II						1,2,D
A 2506 (V)(R)(P)	.....	II						1
A 2835 (V)(R)(P)	.....	II						1,2

*See page 11 for key to trial locations

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

ASGROW (continued)

A 2872 (V)(R)(P) II 1,2
 A 3237 (V)(R)(P) III 2,3,4,U
 A 3242 (V)(R)(P) III 2,3,4
 A 3322 (V)(R)(P) III 2,3,4
 A 3431 (V)(R)(P) III 2,3,4,5
 A 3733 (V)(R)(P) III 4,5
 A 4138 (V)(R)(P) IV 5,6
 A 4715 (V)(R)(P) IV 5,6,B
 A 5403 (V)(R)(P) V 6
 A 3935 (V)(R)(P) III 4

BAIRD

B-2290 (V)(R) II 2
 B-2393 (V)(E) II 2
 B-3292 (V)(R) III 2
 B-3392 (V)(R) III 2
 B-3491 (V)(R) III 2

BAKER

3905 (V)(R) III 5
 4215 (V)(R) IV 5,6
 4500 (V)(R) IV 5

BELLEVILLE SD.

BSH-399 NR (V)(R)(P) III 5
 BSH-404 (V)(R)(P) IV 5
 BSH-440 (V)(R)(P) IV 5

BERGMANN-TAYLOR

BT 399 C (V)(R) III 5
 BT 413 C (V)(R) IV 5,6
 BT 463 C (V)(R) IV 5,6
 BT 471 (V)(R) IV 5,6
 BT 500 C (V)(R) IV 5,6

BIO-DELT

2146 (X)(V)(R) IV 6
 2449 (X)(V)(E) IV 6
 2157 (X)(V)(R) V 6
 2250 (X)(V)(E) V 6

BROWN

ARISE 362 (V)(R) III 4
 ARISE 393 (V)(E) III 4,5
 ARISE 383-C (V)(E) III 5

BUTZOW

4342 (V)(E) II 2
 9324 (V)(E) II 2
 8272 (V)(R) III 4
 3171 (V)(E) III 4
 3629 (V)(E) III 4
 2636 (V)(R) III 4

CALLAHAN

2200 X (B)(E) II 1
 2220 NX (B)(E) II 1
 9222 (B)(R) II 1
 3227 X (B)(E) II 1
 2244 X (B)(E) II 1
 8252 (V)(R) II 1
 2255 (B)(R) II 1
 3250 X (B)(R) II 1
 3269 X (B)(E) II 1
 9270 (V)(R) II 1

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

CALLAHAN (continued)

1277 N (B)(R) II 1
 1288 (V)(R) II 1
 3289 X (V)(E) II 1,2,3,4
 1290 (V)(R) II 1,2,3,4
 3313 X (B)(E) II 1,2,3,4
 1330 (V)(R) III 1,2,3,4
 3343 X (V)(E) III 2,3,4
 3355 X (V)(E) III 2,3,4
 2366 (V)(R) III 2,3,4,5
 1365 (V)(R) III 2,3,4
 7390 (V)(R) III 2,3,4,5,6
 2399 (B)(R) III 2,3,4
 3393 NX (V)(E) III 2,3,4,5,6
 1380 N (V)(R) III 2,3,4,5
 9320 N (V)(R) III 2,3,4
 1410 (V)(R) III 5,6
 3444 X (V)(E) IV 5,6
 8464 (V)(R) IV 5,6
 1466 N (B)(R) IV 5,6
 3455 NX (V)(E) IV 5,6
 3484 N (V)(E) IV 6
 1490 (V)(R) IV 6
 7510 N (V)(R) V 6
 3545 NX (V)(E) V 6
 3500 X (V)(E) V 6

CHALLENGER

CSV 267 (V)(R)(P) II 1
 CSV 2010 (V)(R)(P) II 1
 CSV 2200 (V)(R)(P) II 1
 CSV 2100 (V)(R)(P) II 1
 CSV 280 (V)(R)(P) II 1
 CSV 2700 (V)(R)(P) II 1
 CSV 2600 (V)(R)(P) II 1
 CSV 2400 (V)(R)(P) II 1
 CSV 2750 (V)(R)(P) II 1
 CSV 2800 (V)(R)(P) II 1
 CSV 285 (V)(R)(P) II 2
 CSV 3500 (V)(R)(P) III 2
 CSV 3800 (V)(R)(P) III 2
 CSV 3400 (V)(R)(P) III 2
 CSV 3100 (V)(R)(P) III 2
 CSV 3150 (V)(R)(P) III 2,U

CIBA-GEIGY

2509 Y (V)(R)(C) II 1
 3258 (V)(R)(C) II 1
 3282 (V)(R)(C) II 1,D
 3311 (V)(R)(P) III 1-4,D,U
 3344 (V)(R)(C) III 2,3,4,U
 3362 (V)(R)(C) III 2,3,4,6,U
 3385 (V)(R)(C) III 2,3,4,6,U
 3388 (V)(R)(C) III 2,3,4,6,U
 3411 (V)(R)(C) IV 6
 3482 (V)(R)(C) IV 6

COUTANT

XP 3250 (X)(V)(E) III 3
 XP 3550 (X)(V)(E) III 5

*See page 11 for key to trial locations

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

DAIRYLAND

DSR-173 (V)(R)(CP) I 1
 DSR-217 (V)(R)(CP) II 1
 DSR-254 (V)(R)(CP) II 1
 DSR-262 (V)(R)(CP) II 1,2,D,U
 DSR-273 (V)(R)(CP) II 1
 DSR-288 (V)(R)(CP) II 1,2,D,U
 DSR-301 (V)(R)(CP) III 1,2
 DSR-305 (V)(R)(CP) III 1,2,U
 DSR-331 (V)(R)(CP) III 1,2,U
 DSR-317 (V)(R)(CP) III 2
 DSR-333 (V)(R)(CP) III 2,U
 DSR-373 (V)(R)(CP) III 2,U

DEKALB

CX 259 (V)(R) II 1,2
 CX 267 (V)(R) II 1,2
 CX 291 (V)(R) II 1,2
 CX 329 (V)(R) III 2,3,4
 CX 366 (V)(R) III 2,3,4,5
 CX 415 (V)(R) IV 5,6
 CX 458 (V)(R) IV 6
 CX 469 C (V)(R) IV 5,6
 CX 340 C (V)(R) III 2,3,4,5
 CX 250 B (V)(R) II 1
 CX 298 (V)(R) II 1,2
 CX 404 (V)(R) IV 2,3,4,5,6

DERAEDT

1776 (V)(E) I 1,D
 2020 (V)(R) II 1,D
 2101 (V)(R) II 1,D
 2155 (V)(R) II 1,D
 2244 (V)(E) II 1,D
 2345 (V)(E) II 1,D
 2000 (V)(E) II 1,D
 2747 (V)(E) II 1,D

DIENER

DB 387 A (V)(R)(P) III U
 DB 311 (V)(R) III D,U
 DB 277 (V)(R) II U
 XV 9231 (V)(E) III D,U
 XV 9235 (V)(E) III U

GOLDEN HARVEST

H-1260 (V)(R) II 1,2,3,4,D
 X 263 (V)(E) II I
 X 264 (V)(E) II I
 X 266 (V)(E) II D
 H-1271 (V)(R) II 1,2,3,4,D
 X 296 (V)(E) II 4
 H-1308 (V)(R) III 4
 H-1334 (V)(R) III 4
 X 314 (V)(E) III 4
 H-1353 (V)(R) III 4
 X 356 (V)(E) III 4,5
 H-1355 (V)(R) III 2,3,4,5
 H-1358 (V)(R) III 2,3,4,5
 H-1407 (V)(R) IV 2,3,4,5

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

GREAT HEART

G 333 (V)(R) III U
 G 356 (V)(R) III U

GREAT LAKES

GL 2415 (V)(R)(CP) II 1
 GL 2505 (V)(R)(CP) II 1
 GL 2598 (V)(R)(CP) II 1
 XP 2821 (V)(R)(CP) II 2
 GL 3105 (V)(R)(CP) III 2,3,4
 GL 3494 (V)(R)(CP) III 2,3,4
 GL 3698 (V)(R)(CP) III 2,3,4
 GL 4104 (V)(R)(CP) IV 5,6

GRIFFITH

3351 X (V)(E)(P) II 1,2,3,4,D
 PL 2025 (V)(R)(P) II 1,2,3,4,D
 PL 2120 (V)(R)(P) II 1,2,3,4,D
 PL 2230 (V)(R)(P) II 1,2,3,4,D
 PL 3100 (V)(E)(P) III 2,3,4,D

GROWMARK

HS 2602 (X)(V)(R) II I
 HS E 272 (V)(E)(P) II 1,2
 HS 3030 (X)(V)(R)(P) III 2,3,4
 HS 3301 (X)(V)(R)(P) III 2,3,4
 HS E 321 (V)(E) III 2,3,4
 HS 3833 (X)(V)(R)(P) III 5
 HS E 322 (V)(E) III 2,3,4
 HS 4103 (X)(V)(R)(P) IV 5,6
 HS E 411 (V)(E)(P) IV 5,6
 HS E 481 (V)(E)(P) IV 6
 HS E 521 (V)(E) V 6

HENKEL

SS 518 (V)(R)(P) II 1
 SS 520 (V)(R)(P) II 1
 SS 522 (V)(R)(P) II 1,2,D
 SS 524 (V)(R)(P) II 1,2,D
 SS 526 (V)(R)(P) II 1,D
 SS 620 (V)(R)(P) II 1,2,D

HOBLIT

HB 284 (X)(V)(R) II 2,3,4
 HB 317 (X)(V)(R) III 2,3,4
 HB 370 (X)(V)(R) III 2,3,4

HUBNER

H 292 (V)(R) II 2
 H 320 N (V)(R) III 2
 H 344 N (V)(R) III 2
 H 360 (V)(R) III 2

HYPERFORMER

HSC 317 (V)(R) III 2,U
 HSC 355 (V)(R) III 2,U
 HSC 360 (V)(R) III 5
 HSC 373 (V)(R) III 5
 HSC 401 (V)(R) IV 5,6
 HSC 501 (V)(R) V 6

I.C.I.

D-210 (V)(R) II 1
 260 (V)(R) II 1
 SC-291 (V)(R) II 1

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

I.C.I. (continued)

297 (V)(R) II 1
 SC-304 (V)(R) III 1
 CHAMPION (V)(R) III 2,3,4
 SC-357 (V)(R) III 2,3,4
 CONQUEST (V)(R) III 2,3,4,5
 371 (V)(R) III 2,3,4,5
 379 (V)(R) III 2,3,4,5
 D-301 (V)(R) III 2,3,4,5
 SC-400 (V)(R) IV 5
 JACKSON II (V)(R) IV 5
 EX-24408 N (V)(E) IV 5

J.M.S.

2221 (V)(R) II 1
 2575 (V)(R) II 1
 2709 (V)(R) II 1
 2990 (V)(R) II 1,2,3,4
 3130 (V)(R) III 2,3,4
 3009 (V)(R) III 2,3,4
 3491 (V)(R) III 2,3,4
 3609 (V)(R) III 2,3,4
 3791 (V)(R) III 2,3,4,5
 4140 (V)(R) IV 2,3,4,5
 4409 (V)(R) IV 5,6
 4109 (V)(R) IV 5,6
 4515 (V)(R) IV 5,6
 4809 (V)(R) IV 6

JACOB HARTZ

H 4242 (V)(R)(P) IV 6
 H 4464 (V)(R)(P) IV 6
 H 5033 (V)(R)(P) V 6

JACQUES

J-251 (V)(R) II 1
 J-291 (V)(R) II 1
 J-357 (V)(R) III U
 J-380 C (V)(R) III 5
 J-399 (V)(R) III 4,B
 J-467 (V)(R) IV 5
 J-333 (V)(R) III 2
 J-445 (V)(R) IV 5

JADER

J 3911 (V)(R)(P) III 5,6
 J 461 (V)(R)(P) IV 6
 J 4881 (V)(R)(P) IV 5,6
 J 420 (V)(R) IV 5
 J 3910 (V)(R) III 5

KALTENBERG

KB 250 (V)(R)(P) II 1,D
 KB 241 (V)(R)(P) II 1,D
 KB 261 (V)(R)(P) II 1,D
 KB 292 (V)(R)(P) II 1,3,D
 KB 362 (V)(R)(P) III 1,3,D
 KB 402 (V)(R)(P) IV 3

KITCHEN

375 (X)(V)(R) III 4
 328 C (X)(V)(R) III 4
 330 C (X)(V)(R) III 4
 385 (X)(V)(R) III 4

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

KITCHEN (continued)

390 (X)(V)(R) III 4
 402 C (X)(V)(R) IV 4

KRUGER

K 2727 (X)(V)(R) II 1
 DESOY 262 (X)(B)(R) II 1
 K 2888 (X)(V)(E) II 1,2
 DESOY 282 A (X)(V)(E) II 1,2
 K 2606 (X)(V)(E) II 1
 K 2535 (X)(V)(E) II 1
 K 3030 (X)(V)(E) II 1,2
 K 3101 (X)(V)(E) II 1,2
 DESOY 330 (X)(V)(R) III 1,2
 DESOY 303 E (X)(B)(R) II 2
 K 3003 (X)(V)(E) II 2
 K 3333 (X)(V)(R) III 2
 K 3769 + (X)(V)(R) III 2
 K 3777 (X)(V)(E) III 2
 DESOY 356 (X)(V)(E) III 2
 K 3808 (X)(V)(E) III 2
 K 3818 (X)(V)(E) III 2
 K 3343 (X)(V)(E) III 2
 DESOY 343 (X)(V)(E) III 1

LEWIS

356 (V)(R) III 2,3,4
 374 (V)(R) III 2,3,4
 367 (V)(R) III 2,3,4
 452 (V)(R) IV 5

LYNKS

5270 (V)(R) II 1,2,3,4
 5245 (V)(R) II 1,2,3,4
 5248 (V)(R) III 1
 5327 (V)(R) III 2,3,4
 5376 (V)(R) III 5
 5415 (V)(R) IV 5
 5350 (V)(R) III 2,3,4
 5424 (V)(R) IV 5

McALLISTER

RULER (V)(R) III 2
 CONQUEROR (V)(R) II 1,2
 RECYSTER (V)(R) III 2
 DOMINATOR (V)(R) II 2

McCURDY

331 (V)(R) III 2
 389 C (V)(R) III 5

MERSCHMAN

VENUS II (V)(R) I 1
 MOHEGAN (V)(R) II 1
 UTE (V)(R) II 1
 MUNSEE II (V)(R) II 1
 MOHAWK (V)(R) II 1,2
 APACHE V (V)(R) II 1,2
 OSAGE (V)(R) II 1,2
 CHICKASAW II (V)(R) II 1,2
 SHAWNEE IV (V)(R) II 1,2
 HOOVER III (V)(R) III 2
 HAYES II (V)(R) III 2
 HARRISON II (V)(R) III 2

*See page 11 for key to trial locations

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

MERSCHMAN (continued)

FILLMORE III (V)(R) III 2
 GARFIELD (V)(R) III 2,3,4
 KENNEDY IV (V)(R) III 2,3,4
 COOLIDGE (V)(R) III 2,3,4
 TRUMAN III (V)(R) III 2,3,4
 ROOSEVELT (V)(R) III 3
 WASHINGTON VI (V)(R) III 2,3,4
 EISENHOWER II (V)(R) III 2,3,4
 NORFOLK (V)(R) IV 3
 ATLANTA II (V)(R) IV 5
 DENVER III (B)(R) IV 5
 AUSTIN (V)(R) IV 5
 DALLAS (V)(R)(P) IV 5
 CLEVELAND II (V)(R) IV 5
 RICHMOND II (V)(R) IV 5
 McKINLEY (V)(R) IV 5
 HOUSTON II (V)(R) IV 5
 RUSHMORE (V)(R) V 6

MUIRHEAD

MF 272 (V)(R) II 1
 MF 288 (V)(R) II 1
 MF 299 (V)(R) II 1
 MF 242 X (V)(E) II 1
 MF 252 (V)(R) II D

NOBLEBEAR

NB 2229 (V)(R) II 1
 NB 2290 (V)(R) II 1
 NB 2780 (V)(R) II 1,4,D
 NB 2890 (V)(R) II 1,D
 NB 2905 (V)(R) II 4
 NBX 3210 (V)(E) III 4,U
 NB 3225 (V)(R) III 4,U
 NB 3350 (V)(R) III U
 NB 3708 (V)(R) III 4
 NB 3990 (V)(R) III 4

NORTHROP KING

S 20-20 (V)(R)(P) II 1
 X 9124 (V)(E)(P) II 1
 X 9225 (V)(E)(P) II 1
 X 9127 (V)(E)(P) II 1
 X 9227 (V)(E)(P) II 1
 S 28-18 (V)(R)(P) II 1
 X 9228 (V)(E)(P) II 1
 S 29-39 (V)(R)(P) II 2,3,4
 X 9230 (V)(E)(P) III 2,3,4
 S 33-32 (V)(R)(P) III 2,3,4
 X 9234 (V)(E)(P) III 2,3,4
 X 9135 (V)(E)(P) III 2,3,4
 X 9138 (V)(E)(P) III 2,3,4,5
 S 39-11 (V)(R)(P) III 2,3,4,5
 X 9146 (V)(E)(P) IV 5,6
 COKER 6955 (V)(R)(P) V 6

PAYCO

9225 (V)(R) II 1,D
 9126 (V)(R) II 1,D
 PS 8927 (V)(R) II 1,D
 9233 (V)(R) III 1,2,3,4,U

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

PAYCO (continued)

PS 9036 (V)(R) III 2,3,4,U
 9241 (V)(R) IV 2,3,4,5

PIONEER

9232 (V)(R)(P) II 1
 9273 (V)(R)(P) II 1,2,D,U
 9303 (V)(R)(P) III 1-4,D,U
 9341 (V)(R)(P) III 1,2,D,U
 9381 (V)(R)(P) III 2-5,U,B
 9392 (V)(R)(P) III 2-5,U,B
 9402 (V)(R)(P) IV 5,B
 9443 (V)(R)(P) IV 2-6,B
 9521 (V)(R)(P) V 5,6,B
 9551 (V)(R)(P) V 6
 9312 (V)(R)(P) III 2,3,4

PLT BRDG CONS

EX 9239 (V)(E) III 4,5,6

PRAIRIE STREAM

PSF 292 (V)(R)(P) II 4
 PSF 368 A (V)(R)(P) III 4,5
 PSF 350 N (V)(R)(P) III 4,5

PRINCETON

PF 4391 (V)(R) IV 6
 PF 4191 (V)(R) IV 6
 PF 4490 (V)(R) IV 5,6
 PF 3787 (V)(R) III 5

PROFISEED

PS 2555 (V)(R) I D
 PS 3040 (V)(R) II 1

PUBLIC

BSR 101 (V)(R)(C) I 1,D
 BELL (V)(R)(CP) I 1,2,D
 ARCHER (V)(R)(CP) II 1-4,D,U
 BURLISON (V)(R)(CP) II 1-4,D,U
 CHAPMAN (V)(R)(CP) II 1-4,D,U
 CONRAD (V)(R)(CP) II 1-4,D,U
 HACK (V)(R)(CP) II 1-4,D,U
 JACK (V)(R)(CP) II 1-4,D,U
 KENWOOD (V)(R)(CP) II 1-4,D,U
 IA-2008 (V)(R) II 1-4,D,U
 IA-2007 (V)(R) II 1-4,D,U
 CARTTER (V)(R)(C) III 1-6,D,U
 CHAMBERLAIN (V)(R)(CP) III 1-6,D,U
 EDISON (V)(R)(CP) III 1-6,D,U
 FAYETTE (V)(R)(C) III 5,6,B
 HOBBIT 87 (V)(R)(CP) III 1-6,D,U
 KUNITZ (V)(R)(CP) III 4,5,6,U,B
 LINFORD (V)(R)(C) III 4,5,6,U,B
 PELLA 86 (V)(R)(C) III 1-6,D,U
 RESNIK (V)(R)(CP) III 1-6,D,U
 SHERMAN (V)(R)(CP) III 1-6,D,U
 WILLIAMS 82 (V)(R)(C) III 4,5,6,B
 THORNE (V)(R)(C) III 1-6,D,U
 FLYER (V)(R)(CP) IV 2-6,B
 HAMILTON (V)(R)(CP) IV 2-6,B
 PHARAOH (V)(R)(CP) IV 5,6,B
 PYRAMID (V)(R)(C) IV 5,6,B
 DELSOY 4210 (V)(R)(CP) IV 5,6,B

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

PUBLICS (continued)

DELSOY 4710 (V)(R)(CP) . . . IV 5,6,B
 NILE (V)(R)(C) IV 2-6,B
 SPRY (V)(R)(CP) IV 5,6,B

RENK

RS 1992 (V)(R) I 1
 RS 2191 (V)(R) II 1
 RS 2292 (V)(R) II 1
 RS 2792 (V)(R) II 1

SHISSLER

GR8 247 (V)(R)(P) II I
 GR8 282 (V)(R)(P) II 1,2,3,4
 GR8 297 (V)(R)(P) II 1,2,3,4
 GR8 368 (V)(R)(P) III 2,3,4
 GR8 385 (V)(R)(P) III 2,3,4
 GR8 397 (V)(R)(P) III 2,3,4

SIEBEN

SS 225 (V)(R) II I
 SS 256 (V)(R) II 1
 SS 275 (V)(R) II 1,2
 SS 285 (V)(R) II 1,2
 SS 291 (V)(R) II 1,2
 SS 331 (V)(R) III 2
 SS 349 (V)(R) III 2

SO. CROSS

ISAAC (V)(R)(P) III 6
 JACOB (V)(R)(P) IV 6
 SAMSON (V)(R)(P) IV 6
 CAIN (V)(R)(P) IV 6

SO. STATES

FFR-398 (V)(R)(P) III 6
 SS-390 (V)(R)(P) III 6
 FFR-464 (V)(R)(P) IV 6
 SS-487 (V)(R)(P) IV 6
 SS-516 (V)(R)(P) V 6
 FFR-561 (V)(R)(P) V 6
 FFR-EX 38108 (V)(E)(P) V 6

SPARTA

280 (V)(R)(P) II 3
 300 (V)(R)(P) III 3
 340 (V)(R)(P) III 3
 345 (V)(R)(P) III 3
 350 (V)(R)(P) III 3

STEWART

321 (V)(R) III 2,3,4,D
 324 (V)(R) III 2,3,4,D
 334 (V)(R) III 2,3,4,D
 SPLE (V)(E) III 2,3,4,D

STINE

2250 (V)(R) II 1
 3210 (V)(R) II 2,3,4
 3260 (V)(R) III 2,3,4
 4350 (V)(R) IV 5
 4390 (V)(R) IV 6

STONE

EX-3022 (V)(E) III 4
 SE-304 (V)(R) III 4,U
 SE-305 (V)(R) III 4

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

STONE (continued)

EX-3032 (V)(E) III 4,U
 SE-310 (V)(R) III 4
 SE-402 (V)(R) IV 6
 SE-405 (V)(R) IV 6
 EX-3042 (V)(E) III 4

SUN AG

LORENE (V)(R)(P) III 1,2
 KIM (V)(R)(P) III 1,2
 ERLNE (V)(R)(P) III 2,3,4
 ST 2220 (V)(R)(P) II 1,2
 CUB (V)(R)(P) II I
 ORIOLES (V)(R)(P) II 1,2

TERRA

TS 205 (V)(R) II I,D
 TS 253 (V)(R) II 1,2,3,4,D
 WINNER (V)(R) II 1,2,3,4,U
 FLAME (V)(R) II 1-4,D,U
 TS 312 (V)(R) III 1-4,D,U
 TORCH (V)(R) III 2,3,4,D,U
 VICTORY (V)(R) III 5,6,B
 FINALIST (V)(R) III 2,3,4,5,B
 TR 390 SCN (V)(R) III 5,6,B
 TS 402 (V)(R) IV 5,6,B

TRI-COUNTY

GA 2290 (V)(R)(P) II 1
 MUSTANG 89 (V)(R)(P) II 1,2
 PINTO II (V)(R)(P) II 1,2
 GA 3089 (V)(R)(P) III 2
 GA 2992 (V)(R)(P) II 1
 GA 2692 (V)(R)(P) II 1

TRISLER

TRISOY 2700 (V)(R) II 1,2,U
 TRISOY 2730 (V)(R) II 1,2,U
 TRISOY 281 (V)(R) II 2
 TRISOY 271 (V)(R) II 1,2
 TRISOY 2810 (V)(R) II 2
 TRISOY 3030 (V)(R) III 1,2
 TRISOY 3311 (V)(R) III 2,3,4,U
 TRISOY 3440 (V)(R) II 2,5
 TRISOY 377 (V)(R) III 2
 TRISOY 3410 (V)(R) III 2,3,4
 TRISOY 364 (V)(R) III 2,5
 TRISOY 3716 (V)(R) III 2,3,4,5
 TRISOY 3980 (V)(R) III 2,3,4,U
 TRISOY 4120 (V)(R) IV 2,5,6
 TRISOY 4310 (V)(R) IV 5,6

TWIN STATES

9275 (V)(R)(P) II 2,U
 9278 (V)(R)(P) II 2,U
 9314 (V)(R)(P) III 2,U
 9330 (V)(R)(P) III 2,5,U
 9380 (V)(R)(P) III 2,5,U
 9390 (V)(R)(P) III 2,5,U
 9323 (V)(R)(P) III 2,U
 9353 (V)(R)(P) III 2,5,U

*See page 11 for key to trial locations

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

U.A.P.

DG 3180 (V)(R) I 1
 DG 3233 (V)(R) II 1
 DG 3270 (V)(R) II 1
 DG 3290 (V)(R) II 2,3,4,U
 DG 3301 (V)(R) III 2,3,4,U
 DG 3340 (V)(R) III 2-5,U,B
 DG 3371 (V)(R) III 2-5,U,B
 X 89 (V)(E) III 2,3,4,U
 X 75 (V)(E) IV 5,B
 DG 3240 (V)(R) II 1,D

UPHOFF

2900 (V)(R) II 1,D
 2901 (V)(R) II 4,U
 3101 (V)(R) III 1,4,D,U
 3650 (V)(R) III 4,5,B
 3006 (V)(R) III 4
 3012 (V)(R) III 4,5,6,B
 4017 (V)(R) IV 5,6,B

VIGORO

KE 272 (X)(V)(R)(C) II 1,2
 KE 298 (X)(V)(R)(C) III 2
 KE 341 (X)(V)(R)(C) III 1,2
 KE 358 (X)(V)(R)(C) III 1,2,5
 KE 371 (X)(V)(R)(C) III 2,5
 KE 389 (X)(V)(R)(C) III 2,5
 KE 392 (X)(V)(R)(C) III 5
 KE 453 (X)(V)(R)(C) IV 5

VORIS

V-277 (V)(R) II 1
 V-289 (V)(R) II 2,3,4
 V-363 (V)(R) III 2,3,4
 V-320 (V)(R) III U
 V-324 (V)(R) III 2
 V-370 (V)(R) III 4
 V-394 (V)(R) III 4
 V-380 (V)(R) III 4

WILDY

WS 3508 (V)(R)(C) III 5,6
 WS 3838 (V)(R)(C) III 5,6
 WS EX-4502 (V)(E)(C) IV 5

WILKEN

1475 (V)(R) I 1
 2370 (V)(R) II 1
 2438 (V)(E) II 1
 EX 308 (V)(E) II 1
 2458 (V)(R) II 1,2
 2460 (V)(R) II 1,2
 2455 (V)(R) II 1,2
 2505 (V)(R) II 1,2
 2510 (V)(R) II 1
 2516 (V)(E) II 1
 2542 (V)(R) II 1,2
 2560 (V)(R) II 1,2,D,U
 2566 (V)(R) II 1,2,D,U
 2570 (V)(R) II 1,2,D,U
 2523 (V)(R) II 1,2
 2571 CN (V)(E) II 1,2,U

1992 ENTRIES

ENTRY

BRAND (X) CERTIFIED (C)
 BLEND (B) PROTECTED (P)
 EXPERIMENTAL (E)
 VARIETY (V) MATURITY TRIALS
 RELEASED (R) GROUP ENTERED*

WILKEN (continued)

2591 CN (V)(R) II 1,2
 EX 606 (V)(E) II 1
 EX 936 (V)(E) III 2,3,4
 3451 (V)(R) III 2,3,4
 3477 (V)(R) III 2,3,4
 3484 (V)(R) III 2,3,4
 3621 CN (V)(R) III 1,2,3,4
 EX 929 (V)(E) III 2,3,4

WILSON

3250 (V)(R) III 2,3,4

*1 = DeKalb & Dwight 30";
 2 = Monmouth & Urbana 30";
 3 = Monmouth & Perry 30";
 4 = Urbana & Perry 30";
 5 = Brownstown & Belleville 30";
 6 = Carbondale & Dixon Springs 30";
 D = Dwight 7";
 U = Urbana 7";
 B = Brownstown 7";

Region I: DeKalb (DE) and Dwight (DW) (30-inch row spacing)

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(DE)	(DW)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/ABu/A	Bu/ABu/A

MATURITY GROUP I

AGRINETICS									
AGRISOY 155	50.	50.	51.	9/13	1.7	31.	1.0	42.6	47.3
DAIRYLAND SEED CO.									
DSR-173	50.	52.	47.	9/17	1.4	34.	1.0		
DERAEDT SEED CO.									
1776	53.	57.	49.	9/16	1.5	33.	1.0		
MERSCHMAN SEEDS									
VENUS II	54.	62.	47.	9/15	1.7	33.	1.0	44.9	
PUBLIC VARIETY									
BELL	53.	53.	53.	9/19	2.2	32.	1.0	46.1	50.9
BSR 101	51.	50.	52.	9/19	1.8	34.	1.0	43.9	48.8
RENK SEED CO.									
RS 1992	55.	56.	54.	9/18	1.5	32.	1.0	48.1	
U.A.P. SEED CO.									
DYNA-GRO 3180	51.	51.	51.	9/17	2.0	37.	1.0	42.9	
WILKEN SEED GRAINS									
1475	56.	59.	54.	9/17	2.0	36.	1.0	45.0	49.7
AVERAGE	52.6	54.3	50.9		1.8	33	1.0	44.8	49.2
L.S.D. 10% LEVEL	5.2	6.0	4.7		0.4	2			
L.S.D. 30% LEVEL	3.3	3.7	2.9		0.2	1			
STD ERR OF TRT MN	1.6	2.4	1.9		0.1	0		1.9	1.5

MATURITY GROUP II

AGRIGENE SEED RESEARCH									
AG 427	51.	47.	55.	9/24	1.9	41.	1.0		
AGRINETICS									
AGRISOY 2209	57.	57.	58.	9/23	1.7	34.	1.0	52.0	
AGRISOY 222	52.	51.	53.	9/23	1.8	35.	1.0	46.4	52.8
AGRISOY 224	45.	38.	52.	9/22	2.7	38.	1.0	42.2	
AGRISOY 235	48.	42.	53.	9/19	2.5	37.	1.0	47.9	51.8
AGRISOY 240	57.	58.	57.	9/25	2.1	38.	1.0	52.5	56.7
ASGROW SEED CO.									
A 2242	53.	52.	55.	9/19	1.7	32.	1.0		
A 2396	45.	42.	48.	9/16	2.1	37.	1.0	44.5	48.0
A 2506	52.	53.	52.	9/21	1.8	33.	1.0		
A 2835	46.	45.	46.	9/23	1.5	35.	1.0		
A 2872	50.	49.	50.	9/24	2.3	37.	1.0	47.8	53.0
CALLAHAN ENTERPRISES									
1277 N	58.	60.	55.	9/27	2.5	35.	1.0		
1288	56.	55.	57.	9/22	1.7	33.	1.0	50.5	55.7
1290	54.	52.	57.	9/26	1.7	36.	1.0	51.5	56.9
2200 X	52.	51.	52.	9/21	1.6	37.	1.0	46.2	
2220 NX	49.	48.	51.	9/21	2.7	34.	1.0		
2244 X	51.	48.	53.	9/23	2.6	36.	1.0		
2255	52.	49.	56.	9/24	1.9	37.	1.0	47.7	
3227 X	50.	50.	50.	9/20	2.2	36.	1.0		
3250 X	52.	49.	55.	9/23	2.3	37.	1.0		
3269 X	49.	48.	51.	9/20	2.2	42.	1.0		
3289 X	53.	51.	54.	9/22	2.3	39.	1.0		
3313 X	53.	50.	55.	9/26	2.4	36.	1.0		
8252	50.	48.	52.	9/22	2.6	35.	1.0	48.9	54.1
9222	52.	53.	51.	9/24	2.1	36.	1.0	46.1	49.9
9270	61.	62.	60.	9/26	2.1	36.	1.0	55.2	60.6

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(DE)	(DW)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/ABu/A	Bu/ABu/A

CHALLENGER SEED CO.

CSV 2010	47.	45.	50.	9/20	3.3	34.	1.0		
CSV 2100	50.	51.	48.	9/25	2.3	40.	1.0		
CSV 2200	53.	53.	54.	9/20	2.6	36.	1.0	50.0	53.3
CSV 2400	54.	55.	52.	9/23	1.6	32.	1.0		
CSV 2600	48.	50.	46.	9/22	2.0	33.	1.0	46.8	
CSV 267	58.	55.	60.	9/26	2.5	38.	1.0	50.1	54.6
CSV 2700	54.	54.	55.	9/24	2.0	39.	1.0		
CSV 2750	50.	50.	50.	9/25	2.1	37.	1.0		
CSV 280	47.	47.	46.	9/23	2.1	36.	1.0		
CSV 2800	57.	58.	55.	9/23	1.5	34.	1.0		

CIBA-GEIGY SEED

2509 Y	56.	58.	54.	9/20	1.9	34.	1.0		
3258	52.	55.	49.	9/21	2.7	35.	1.0	50.8	54.7
3282	56.	55.	56.	9/21	1.5	33.	1.0		

DAIRYLAND SEED CO.

DSR-217	49.	47.	51.	9/21	2.1	33.	1.0	45.9	
DSR-254	49.	48.	49.	9/20	1.6	35.	1.0		
DSR-262	56.	55.	57.	9/26	2.0	37.	1.0	50.0	55.2
DSR-273	53.	51.	55.	9/27	2.3	43.	1.0		
DSR-288	52.	50.	54.	9/25	1.3	33.	1.0	49.4	

DEKALB PLANT GENETICS

CX 250 B	60.	63.	57.	9/26	1.7	35.	1.0		
CX 259	52.	52.	52.	9/20	2.7	38.	1.0	49.1	54.5
CX 267	48.	45.	50.	9/24	2.4	38.	1.0	45.1	
CX 291	48.	47.	49.	9/25	2.6	42.	1.0	47.4	
CX 298	48.	49.	48.	9/26	1.8	35.	1.0	45.7	50.8

DERAEDT SEED CO.

2000	53.	53.	53.	9/22	1.8	35.	1.0		
2020	46.	47.	44.	9/22	2.8	39.	1.0	43.1	
2101	54.	51.	56.	9/25	2.1	39.	1.0	49.8	
2155	55.	55.	55.	9/26	2.0	37.	1.0	48.4	54.9
2244	55.	52.	57.	9/20	2.2	38.	1.0		
2345	57.	56.	57.	9/23	1.9	34.	1.0		
2747	52.	49.	56.	9/25	1.9	40.	1.0		

GOLDEN HARVEST

H-1260	53.	51.	55.	9/18	2.9	37.	1.0	50.9	55.7
H-1271	50.	46.	53.	9/18	1.9	40.	1.0	50.3	
X-263	53.	53.	53.	9/21	1.6	34.	1.0		
X-264	57.	57.	56.	9/27	2.0	35.	1.0	50.6	

GREAT LAKES HYBRIDS

GL 2415	55.	57.	53.	9/24	1.5	31.	1.0		
GL 2505	54.	52.	56.	9/24	1.9	37.	1.0	51.2	
GL 2598	49.	46.	52.	9/22	1.8	40.	1.0	49.5	

GRIFFITH SEED CO.

3351 X	51.	48.	54.	9/21	1.5	33.	1.0		
PL 2025	51.	51.	52.	9/20	1.8	32.	1.0		
PL 2120	54.	53.	55.	9/26	2.0	40.	1.0		
PL 2230	53.	53.	53.	9/27	2.1	38.	1.0		

GROWMARK

HS 2602	52.	52.	52.	9/22	1.5	32.	1.0		
HS E 272	55.	55.	55.	9/25	1.5	39.	1.0		

HENKEL SEEDS

SS 518	55.	53.	57.	9/24	1.6	33.	1.0		
SS 520	48.	47.	50.	9/25	1.9	33.	1.0	44.0	50.9
SS 522	57.	55.	59.	9/26	2.6	38.	1.0	50.4	55.8
SS 524	50.	45.	54.	9/21	2.0	39.	1.0	49.0	51.4
SS 526	53.	54.	53.	9/25	1.7	37.	1.0	51.2	
SS 620	52.	51.	54.	9/24	1.9	36.	1.0		

Region I: DeKalb (DE) and Dwight (DW) (30-inch row spacing), continued

Brand	1992 Results								Average		Brand	1992 Results								Average	
	Reg.	(DE)	(DW)					2-Yr 3-Yr		Reg.		(DE)	(DW)					2-Yr 3-Yr			
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld	Yld		Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld		
Cultivar or Blend	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A	Cultivar or Blend	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A		
I.C.I. SEEDS										PAYCO SEEDS											
260	53.	53.	54.	9/20	1.8	31.	1.0			9126	53.	56.	51.	9/22	2.2	40.	1.0				
297	52.	50.	53.	9/24	1.9	37.	1.0			9225	53.	53.	54.	9/20	1.5	31.	1.0				
DIAMOND 210	50.	47.	52.	9/18	2.6	37.	1.0	50.6	54.2	PS 8927	48.	46.	51.	9/20	1.9	40.	1.0	49.6			
DIAMOND SC-291	55.	54.	55.	9/26	2.2	38.	1.0	49.8	54.9	PIONEER HI-BRED INTERN.											
J M SCHULTZ SEED CO.										9232	42.	40.	45.	9/17	1.6	33.	1.0				
JMS 2221	54.	54.	55.	9/28	1.9	39.	1.0	49.2		9273	52.	49.	54.	9/22	1.9	33.	1.0	49.6	53.5		
JMS 2575	58.	58.	59.	9/20	1.5	32.	1.0	53.5		PROFISEED											
JMS 2709	51.	48.	54.	9/27	2.3	37.	1.0			PS 3040	51.	50.	51.	9/17	1.9	41.	1.0				
JMS 2990	56.	51.	60.	9/30	2.5	38.	1.0			PUBLIC VARIETY											
JACQUES SEED CO.										ARCHER	49.	51.	47.	9/20	1.9	36.	1.0	40.8	47.1		
J-251	55.	59.	51.	9/24	1.6	32.	1.0			BURLISON	47.	45.	49.	9/23	2.1	36.	1.0	46.1	50.9		
J-291	52.	49.	55.	9/23	2.1	40.	1.0			CHAPMAN	46.	43.	49.	9/21	2.1	37.	1.0	46.2	51.2		
KALTENBERG SEED FARMS										CONRAD	50.	52.	49.	9/22	2.2	35.	1.0	44.8	50.0		
KB 241	56.	57.	55.	9/20	1.5	32.	1.0			HACK	50.	49.	51.	9/23	2.3	36.	1.0	44.0	48.5		
KB 250	60.	63.	57.	9/24	1.9	35.	1.0	53.3	59.1	IA 2007	46.	43.	48.	9/27	2.6	39.	1.0	44.1			
KB 261	57.	55.	58.	9/24	2.5	39.	1.0	52.0		IA 2008	59.	59.	58.	9/22	2.4	40.	1.0	47.1			
KB 292	52.	51.	53.	9/25	2.0	36.	1.0			JACK	61.	58.	63.	9/26	2.5	44.	1.0	55.0	59.6		
KRUGER SEED CO.										KENWOOD	47.	44.	49.	9/16	2.8	37.	1.0	44.7	49.9		
DESOY 262	54.	54.	55.	9/26	1.9	34.	1.0	51.4	56.9	RENK SEED CO.											
DESOY 282 A	52.	52.	52.	9/27	1.9	36.	1.0			RS 2191	43.	40.	45.	9/22	2.5	35.	1.0	41.8			
K 2535	52.	51.	52.	9/22	2.7	35.	1.0			RS 2292	50.	49.	52.	9/18	3.2	36.	1.0	42.6			
K 2606	49.	49.	49.	9/20	2.3	36.	1.0			RS 2792	50.	48.	52.	9/20	2.0	41.	1.0	50.4			
K 2727	58.	59.	57.	9/25	2.0	35.	1.0	52.4	59.1	SHISSLER SEED CO.											
K 2888	54.	50.	57.	9/23	2.3	38.	1.0	50.5		GR8 247	54.	49.	60.	10/01	2.6	39.	1.0				
K 3030	48.	46.	51.	9/22	2.7	36.	1.0			GR8 282	51.	48.	55.	9/28	2.2	39.	1.0	48.7			
K 3101	57.	55.	59.	9/27	3.4	34.	1.0			GR8 297	56.	58.	54.	9/28	2.3	39.	1.0	51.3	54.9		
LYNKS SEEDS										SIEBEN HYBRIDS											
5245	50.	48.	52.	9/19	2.7	36.	1.0	49.4	53.7	SS 225	49.	46.	52.	9/19	3.0	36.	1.0	48.4	53.4		
5270	49.	49.	50.	9/23	2.0	41.	1.0	49.1		SS 256	51.	50.	52.	9/21	2.1	39.	1.0	48.5			
MC ALLISTER SEED CO.										SS 275	50.	48.	52.	9/21	1.8	40.	1.0	48.7	54.1		
MASCO CONQUEROR	52.	54.	50.	9/21	1.9	32.	1.0			SS 285	55.	54.	56.	9/25	2.0	37.	1.0	52.2	56.3		
MERSCHMAN SEEDS										SS 291	52.	52.	51.	9/27	1.8	38.	1.0				
APACHE V	54.	57.	52.	9/22	1.7	32.	1.0	51.5		STINE SEED CO.											
CHICKASAW II	55.	54.	55.	9/24	2.1	37.	1.0	49.8	51.4	2250	53.	56.	50.	9/18	1.7	32.	1.0				
MOHAWK	56.	59.	53.	9/26	2.0	34.	1.0	51.2	56.4	SUN-AG SEED											
MOHEGAN	51.	49.	54.	9/19	3.0	35.	1.0			CUB	43.	40.	45.	9/22	2.1	39.	1.0				
MUNSEE II	48.	50.	46.	9/21	2.2	34.	1.0			ORIOLES	50.	48.	52.	9/23	2.3	37.	1.0				
OSAGE	52.	50.	53.	9/23	2.7	36.	1.0	46.9		ST-2220	57.	55.	60.	9/27	2.0	35.	1.0				
SHAWNEE IV	54.	58.	49.	9/25	1.7	35.	1.0	49.2	53.9	TERRA INTERNATIONAL											
UTE	49.	45.	52.	9/22	2.5	34.	1.0	48.9	54.2	FLAME	52.	46.	58.	9/27	2.5	38.	1.0	49.3			
MUIRHEAD FARMS										TS 205	50.	47.	52.	9/20	2.8	35.	1.0				
272	57.	61.	54.	9/24	1.8	35.	1.0	50.9		TS 253	51.	52.	51.	9/23	1.8	32.	1.0				
MF 242 X	46.	45.	46.	9/19	1.9	33.	1.0			WINNER	52.	45.	58.	9/21	2.7	37.	1.0	51.0	55.1		
MF 288	51.	50.	53.	9/24	2.1	38.	1.0			TRI-COUNTY STOCKDALE											
MF 299	58.	58.	58.	9/27	2.5	36.	1.0	52.5	57.0	GA 2290	51.	53.	48.	9/21	1.6	33.	1.0	44.1	51.4		
NOBLEBEAR										GA 2692	57.	54.	59.	9/23	1.6	34.	1.0				
NB 2229	43.	41.	45.	9/16	2.6	35.	1.0	42.2		GA 2992	50.	50.	50.	9/22	2.0	38.	1.0				
NB 2290	44.	44.	43.	9/24	2.1	34.	1.0	44.2		MUSTANG 89	58.	60.	56.	9/26	2.3	38.	1.0	52.5	56.6		
NB 2780	48.	46.	50.	9/24	1.8	38.	1.0	48.8	51.0	PINTO II	50.	48.	51.	9/19	2.0	37.	1.0	46.2	51.6		
NB 2890	54.	52.	57.	9/22	2.0	35.	1.0	47.4	53.5	TRISLER SEED FARMS											
NORTHROP KING CO.										TRISOY 2700	51.	51.	52.	9/24	2.0	37.	1.0				
S 20-20	43.	38.	48.	9/22	2.1	35.	1.0	44.4		TRISOY 271	56.	52.	59.	9/28	2.2	36.	1.0	48.0	55.5		
S 28-18	58.	60.	57.	9/25	1.5	36.	1.0	49.6	54.4	TRISOY 2730	51.	48.	53.	9/21	2.1	42.	1.0				
X 9124	55.	54.	56.	9/23	1.8	35.	1.0			U.A.P. SEED CO.											
X 9127	46.	39.	53.	9/21	2.5	35.	1.0			DYNA-GRO 3233	48.	46.	51.	9/21	2.0	39.	1.0	47.2			
X 9225	52.	53.	52.	9/23	2.4	35.	1.0			DYNA-GRO 3240	52.	49.	54.	9/22	2.7	37.	1.0				
X 9227	45.	38.	51.	9/23	2.8	42.	1.0			DYNA-GRO 3270	49.	47.	51.	9/16	1.9	38.	1.0	47.3			
X 9228	49.	48.	51.	9/26	2.4	42.	1.0			UPHOFF SEEDS											
										2900	54.	50.	58.	9/30	2.9	42.	1.0	48.9			

Region I: DeKalb (DE) and Dwight (DW) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(DE)	(DW)				Ht	Sha	2-Yr 3-Yr
	Yld	Yld	Yld	Mat.	Lod				
	Bu/A	Bu/A	Bu/A	Date	gng		in	ter	Bu/A Bu/A
VIGORO									
KE 272	55.	52.	59.	9/26	1.9	36.	1.0		50.6
VORIS SEEDS									
V-277	58.	57.	59.	9/26	2.1	38.	1.0		54.1 58.2
WILKEN SEED GRAINS									
2370	48.	46.	50.	9/20	1.7	34.	1.0		
2438	47.	47.	47.	9/19	2.8	36.	1.0		47.1
2455	52.	50.	54.	9/22	2.0	39.	1.0		51.5
2458	50.	49.	50.	9/22	2.3	41.	1.0		47.8
2460	44.	42.	45.	9/21	2.4	37.	1.0		42.3 48.3
2505	47.	45.	49.	9/28	3.1	41.	1.0		44.9 51.6
2510	58.	61.	55.	9/26	1.8	37.	1.0		51.1 57.2
2516	54.	54.	55.	9/24	1.8	31.	1.0		49.3
2523	56.	56.	56.	9/26	2.4	39.	1.0		51.2 56.1
2542	50.	46.	54.	9/22	2.5	37.	1.0		49.5 53.5
2560	55.	55.	54.	9/29	2.0	36.	1.0		46.6 53.8
2566	47.	46.	47.	9/22	2.0	36.	1.0		45.5 51.5
2570	54.	52.	55.	9/25	2.0	38.	1.0		51.2 54.7
2571 CN	49.	47.	51.	9/23	2.1	41.	1.0		
2591 CN	58.	58.	58.	9/29	2.0	40.	1.0		50.3
EX 308	47.	47.	47.	9/24	2.2	36.	1.0		
EX 606	52.	51.	52.	9/16	2.0	39.	1.0		
AVERAGE	51.8	50.7	52.9	..	2.1	37	1.0		48.6 53.9
L.S.D. 10% LEVEL	5.1	5.2	4.9	..	0.5	3	..		.. ..
L.S.D. 30% LEVEL	3.2	3.3	3.1	..	0.3	2	..		.. ..
STD ERR OF TRT MN	1.5	2.2	2.1	..	0.1	1	..		3.1 2.9

MATURITY GROUP III

CALLAHAN ENTERPRISES									
1330	51.	49.	54.	9/29	1.7	38.	1.0		49.0 55.8
CIBA-GEIGY SEED									
3311	47.	48.	46.	9/27	1.7	35.	1.0		43.9
DAIRYLAND SEED CO.									
DSR-301	57.	57.	58.	10/01	1.9	41.	1.0		
DSR-305	54.	51.	57.	9/28	2.2	41.	1.0		
DSR-331	50.	44.	55.	10/06	2.0	37.	1.0		
I.C.I. SEEDS									
DIAMOND SC-304	42.	41.	43.	9/27	2.5	37.	1.0		40.9

Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing)

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(UR)				Ht	Sha	2-Yr 3-Yr
	Yld	Yld	Yld	Mat.	Lod				
	Bu/A	Bu/A	Bu/A	Date	gng		in	ter	Bu/A Bu/A
MATURITY GROUP I									
PUBLIC VARIETY									
BELL	54.	49.	59.	9/05	1.7	33.	1.0		48.9 52.2
MATURITY GROUP II									
AINSWORTH SEED CO.									
2A-88	61.	59.	63.	9/14	1.6	39.	1.0		
DISCOVERY	57.	54.	60.	9/14	2.2	37.	1.0		57.2

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(DE)	(DW)				Ht	Sha	2-Yr 3-Yr
	Yld	Yld	Yld	Mat.	Lod				
	Bu/A	Bu/A	Bu/A	Date	gng		in	ter	Bu/A Bu/A
KALTENBERG SEED FARMS									
KB 362	55.	54.	57.	10/02	1.9	38.	1.0		
KRUGER SEED CO.									
DESOY 330	57.	56.	57.	10/05	1.7	34.	1.0		
DESOY 343	51.	48.	54.	10/01	2.3	37.	1.0		
LYNKs SEEDS									
5248	56.	61.	50.	9/26	1.5	34.	1.0		
PAYCO SEEDS									
9233	55.	55.	56.	10/07	1.3	33.	1.0		
PIONEER HI-BRED INTERN.									
9303	50.	50.	49.	10/01	1.9	37.	1.0		45.6 52.5
9341	53.	53.	53.	10/01	2.4	39.	1.0		48.3 54.4
PUBLIC VARIETY									
CARTTER	48.	43.	52.	9/30	2.4	38.	1.0		42.0 48.6
CHAMBERLAIN	51.	49.	53.	10/07	2.5	43.	1.0		47.7 52.5
EDISON	49.	47.	51.	10/05	1.9	37.	1.0		45.6
HOBBIT 87	48.	47.	48.	10/02	1.2	24.	1.0		45.3 50.0
PELLA 86	43.	41.	45.	9/29	2.3	37.	1.0		43.0 47.8
RESNIK	49.	50.	49.	10/01	1.8	38.	1.0		45.1 51.1
SHERMAN	43.	40.	46.	9/26	3.2	36.	1.0		41.8 47.1
THORNE	54.	52.	56.	10/07	2.0	39.	1.0		
SUN-AG SEED									
KIM	47.	46.	48.	10/04	2.3	39.	1.0		
LORENE	40.	37.	43.	10/04	2.4	36.	1.0		
TERRA INTERNATIONAL									
TS 312	54.	57.	51.	9/27	1.9	36.	1.0		
TRISLER SEED FARMS									
TRISOY 3030	52.	48.	56.	10/03	2.5	39.	1.0		47.9 54.0
UPHOFF SEEDS									
3101	53.	51.	56.	10/02	2.4	39.	1.0		
VIGORO									
KE 341	47.	42.	52.	10/04	1.9	40.	1.0		44.3
KE 358	46.	39.	52.	10/08	2.5	42.	1.0		44.8
WILKEN SEED GRAINS									
3621 CN	53.	48.	57.	10/08	2.1	41.	1.0		47.5 53.1
AVERAGE	50.1	48.3	51.9	..	2.1	38	1.0		45.2 51.5
L.S.D. 10% LEVEL	5.1	5.4	4.8	..	0.5	3	..		.. ..
L.S.D. 30% LEVEL	3.2	3.4	3.0	..	0.3	2	..		.. ..
STD ERR OF TRT MN	1.5	2.3	2.0	..	0.1	1	..		2.5 2.8

ASGROW SEED CO.									
A 2396	57.	52.	62.	9/09	1.6	38.	1.0		59.3 61.7
A 2835	61.	56.	67.	9/12	1.5	39.	1.0		
A 2872	60.	59.	61.	9/15	1.4	37.	1.0		59.8 61.9
BAIRD SEED CO.									
B-2290	63.	62.	65.	9/14	2.0	40.	1.0		63.0 63.5
B-2393	54.	53.	56.	9/13	1.6	36.	1.0		
BUTZOW SEEDS									
4342	52.	47.	57.	9/12	2.9	38.	1.0		
9324	56.	57.	54.	9/10	1.0	34.	1.0		

Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results								Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr		
	Yld	Yld	Yld					Yld	Yld	
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A	
CALLAHAN ENTERPRISES										
1290	61.	60.	62.	9/15	1.1	37.	1.0			
3289 X	59.	59.	60.	9/15	1.5	37.	1.0			
3313 X	66.	63.	69.	9/16	1.9	38.	1.0			
CHALLENGER SEED CO.										
CSV 285	60.	53.	66.	9/14	1.9	36.	1.0	60.5	64.	
DAIRYLAND SEED CO.										
DSR-262	61.	62.	60.	9/13	1.5	40.	1.0	60.7	62.3	
DSR-288	62.	61.	63.	9/14	1.0	38.	1.0	61.2		
DEKALB PLANT GENETICS										
CX 259	59.	57.	61.	9/11	2.2	38.	1.0	59.8	62.8	
CX 267	58.	54.	61.	9/13	1.7	39.	1.0			
CX 291	57.	57.	58.	9/18	2.6	43.	1.0	60.7		
CX 298	59.	57.	60.	9/15	1.4	36.	1.0	59.8	60.8	
GOLDEN HARVEST										
H-1260	60.	56.	64.	9/11	2.1	37.	1.0	61.7	64.4	
H-1271	62.	62.	61.	9/15	1.8	41.	1.0	58.7		
GREAT LAKES HYBRIDS										
XP 2821	59.	57.	60.	9/14	1.4	41.	1.0			
GRIFFITH SEED CO.										
3351 X	59.	56.	61.	9/12	1.3	36.	1.0			
PL 2025	63.	60.	66.	9/12	1.3	34.	1.0			
PL 2120	61.	60.	61.	9/15	1.4	38.	1.0			
PL 2230	57.	55.	58.	9/13	1.6	39.	1.0			
GROWMARK										
HS E 272	57.	54.	60.	9/13	1.0	39.	1.0			
HENKEL SEEDS										
SS 522	60.	59.	62.	9/14	1.8	38.	1.0			
SS 524	61.	61.	60.	9/15	1.7	42.	1.0			
SS 620	60.	58.	62.	9/15	1.3	37.	1.0			
HOBLIT SEED CO.										
HB 284	60.	58.	63.	9/14	1.6	43.	1.0	56.4		
HUBNER SEED CO.										
H 292	58.	57.	59.	9/16	1.0	38.	1.0			
J M SCHULTZ SEED CO.										
JMS 2990	61.	62.	61.	9/18	3.1	38.	1.0	60.3	63.1	
KRUGER SEED CO.										
DESOY 282 A	61.	62.	60.	9/13	1.4	39.	1.0			
DESOY 303 E	65.	63.	68.	9/14	1.2	37.	1.0			
K 2888	61.	61.	61.	9/13	1.6	40.	1.0			
K 3003	65.	62.	67.	9/15	1.7	39.	1.0			
K 3030	61.	59.	64.	9/15	2.1	37.	1.0			
K 3101	67.	69.	65.	9/19	2.2	39.	1.0			
LYNKS SEEDS										
5245	58.	54.	61.	9/10	2.2	35.	1.0			
5270	62.	60.	64.	9/14	1.8	43.	1.0	59.4		
MC ALLISTER SEED CO.										
MASCO CONQUEROR	60.	59.	62.	9/13	1.2	33.	1.0			
MASCO DOMINATOR	62.	64.	60.	9/15	1.2	36.	1.0			
MERSCHMAN SEEDS										
APACHE V	62.	59.	66.	9/11	1.2	36.	1.0			
CHICKASAW II	62.	62.	63.	9/13	1.5	41.	1.0	58.7	58.7	
MOHAWK	62.	59.	64.	9/14	1.3	35.	1.0	56.4	60.3	
OSAGE	62.	54.	69.	9/15	1.9	37.	1.0			
SHAWNEE IV	61.	59.	64.	9/14	1.3	38.	1.0	62.5	63.5	
NORTHROP KING CO.										
S 29-39	55.	47.	63.	9/17	2.9	36.	1.0	57.4	61.6	
PIONEER HI-BRED INTERN.										
9273	63.	58.	68.	9/13	1.3	36.	1.0	63.5	66.	

Brand Cultivar or Blend	1992 Results								Average	
	Reg.	(MO)	(UR)					2-Yr 3-Yr		
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld	
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A	
PUBLIC VARIETY										
ARCHER	54.	52.	55.	9/06	1.8	37.	1.0	47.7	53.2	
BURLISON	55.	51.	59.	9/14	1.6	36.	1.0	55.1	60.0	
CHAPMAN	58.	54.	63.	9/13	1.6	37.	1.0	59.2	62.4	
CONRAD	60.	56.	65.	9/12	1.5	37.	1.0	55.3	60.2	
HACK	53.	52.	55.	9/10	1.6	35.	1.0	50.3	54.	
IA 2007	56.	52.	60.	9/17	2.3	39.	1.0	56.9		
IA 2008	58.	57.	59.	9/10	2.1	40.	1.0	51.8		
JACK	63.	62.	64.	9/15	3.3	44.	1.0	61.5	65.9	
KENWOOD	55.	50.	60.	9/09	2.1	37.	1.0	55.7	59.8	
SHISSLER SEED CO.										
GR8 282	64.	65.	64.	9/14	1.5	41.	1.0	61.7		
GR8 297	60.	60.	60.	9/16	1.8	38.	1.0	59.6	60.7	
SIEBEN HYBRIDS										
SS 275	60.	58.	62.	9/14	1.6	42.	1.0	57.8	63.4	
SS 285	61.	61.	62.	9/14	1.6	40.	1.0	59.5	62.3	
SS 291	61.	62.	61.	9/15	1.2	39.	1.0			
STINE SEED CO.										
3210	65.	65.	65.	9/14	1.4	38.	1.0			
SUN-AG SEED										
ORIOLES	50.	48.	52.	9/12	2.7	39.	1.0			
ST-2220	66.	63.	68.	9/18	1.3	37.	1.0	61.7	64.6	
TERRA INTERNATIONAL										
FLAME	66.	62.	69.	9/18	1.6	40.	1.0	62.2		
TS 253	62.	61.	64.	9/12	1.3	34.	1.0			
WINNER	59.	55.	64.	9/12	2.1	38.	1.0	60.6	63.2	
TRI-COUNTY STOCKDALE										
MUSTANG 89	62.	61.	62.	9/14	1.9	40.	1.0	59.3		
PINTO II	58.	56.	59.	9/13	1.5	39.	1.0	59.8	62.9	
TRISLER SEED FARMS										
TRISOY 2700	59.	59.	60.	9/13	1.5	40.	1.0			
TRISOY 271	67.	62.	71.	9/18	1.5	38.	1.0	63.8		
TRISOY 2730	60.	57.	63.	9/14	1.5	41.	1.0			
TRISOY 281	57.	54.	60.	9/13	1.8	42.	1.0	57.7		
TRISOY 2810	60.	56.	63.	9/16	1.5	44.	1.0			
TWIN STATES										
9275	61.	60.	62.	9/14	1.5	40.	1.0	59.7		
9278	59.	60.	58.	9/16	1.8	39.	1.0			
U.A.P. SEED CO.										
DYNA-GRO 3290	61.	60.	61.	9/13	1.6	39.	1.0	60.7		
VIGORO										
KE 272	65.	63.	67.	9/17	1.4	37.	1.0	61.9		
VORIS SEEDS										
V-289	59.	56.	62.	9/15	1.8	38.	1.0	59.9	63.5	
WILKEN SEED GRAINS										
2455	62.	60.	63.	9/13	1.7	40.	1.0	57.3		
2458	54.	53.	54.	9/14	1.7	41.	1.0	55.3		
2460	55.	53.	57.	9/15	2.5	37.	1.0	58.2	62.3	
2505	56.	54.	57.	9/17	3.6	41.	1.0	57.3	60.9	
2523	59.	60.	59.	9/14	1.8	38.	1.0	59.7	61.6	
2542	60.	58.	63.	9/11	2.3	36.	1.0	60.8	60.7	
2560	61.	60.	63.	9/18	1.5	34.	1.0	61.0	64.7	
2566	59.	59.	60.	9/14	1.3	38.	1.0	60.4	63.0	
2570	60.	60.	60.	9/14	1.3	39.	1.0	58.2	60.9	
2571 CN	59.	56.	62.	9/17	1.4	42.	1.0			
2591 CN	62.	61.	62.	9/18	1.5	40.	1.0	60.4		
AVERAGE (GROUP I-II)										
L.S.D. 10% LEVEL	4.4	4.1	4.8	..	0.5	3	..	..	..
L.S.D. 30% LEVEL	2.8	2.6	3.0	..	0.3	2	..	..	..
STD ERR OF TRT MN	1.3	1.7	2.0	..	0.1	1	..	3.3	3.1	

Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(UR)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

MATURITY GROUP III

AGRATECH SEEDS INC.

350	64.	61.	67.	9/22	1.6	42.	1.0	
380	61.	57.	66.	9/25	2.6	43.	1.0	

AINSWORTH SEED CO.

3A-33 N	63.	57.	69.	9/24	1.8	36.	1.0	
3A-69	63.	62.	64.	9/19	1.7	40.	1.0	65.4
3A-89 N	63.	58.	67.	9/22	1.8	43.	1.0	

ASGROW SEED CO.

A 3237	68.	65.	70.	9/20	1.5	39.	1.0	
A 3242	64.	63.	65.	9/22	2.0	41.	1.0	63.2
A 3322	60.	59.	62.	9/22	1.6	38.	1.0	63.1 65.3
A 3431	62.	58.	66.	9/25	1.6	41.	1.0	

BAIRD SEED CO.

B-3292	63.	57.	70.	9/25	1.7	37.	1.0	62.8 64.1
B-3392	62.	58.	66.	9/17	1.5	39.	1.0	63.5 65.3
B-3491	60.	60.	61.	9/20	1.6	42.	1.0	59.6 62.7

CALLAHAN ENTERPRISES

1330	63.	61.	64.	9/17	1.2	40.	1.0	
1365	68.	64.	72.	9/21	1.6	42.	1.0	
1380 N	57.	54.	60.	9/23	2.6	41.	1.0	
2366	67.	65.	68.	9/22	2.1	40.	1.0	
2399	63.	58.	67.	9/25	2.3	42.	1.0	
3343 X	60.	56.	65.	9/21	2.3	41.	1.0	
3355 X	60.	56.	63.	9/20	2.0	36.	1.0	
3393 NX	63.	61.	66.	9/29	2.7	44.	1.0	
7390	62.	60.	65.	9/23	2.1	44.	1.0	
9320 N	54.	51.	57.	9/20	3.1	40.	1.0	

CHALLENGER SEED CO.

CSV 3100	64.	63.	66.	9/14	1.7	38.	1.0	
CSV 3150	65.	63.	67.	9/17	1.5	41.	1.0	
CSV 3400	67.	64.	71.	9/19	1.7	41.	1.0	
CSV 3500	62.	63.	61.	9/21	1.8	42.	1.0	59.8 63.0
CSV 3800	61.	61.	60.	9/18	1.5	43.	1.0	

CIBA-GEIGY SEED

3311	61.	59.	63.	9/17	1.5	38.	1.0	61.3
3344	62.	62.	61.	9/20	1.6	43.	1.0	60.9 62.9
3362	67.	64.	71.	9/21	1.8	41.	1.0	
3385	65.	63.	67.	9/24	2.3	43.	1.0	65.0
3388	63.	60.	67.	9/20	1.7	43.	1.0	61.6

DAIRYLAND SEED CO.

DSR-301	61.	59.	63.	9/18	1.7	43.	1.0	
DSR-305	65.	61.	69.	9/17	2.0	40.	1.0	63.9
DSR-317	62.	60.	64.	9/24	2.2	43.	1.0	61.3 64.8
DSR-331	62.	58.	65.	9/19	1.9	41.	1.0	63.1 66.9
DSR-333	59.	60.	59.	9/18	1.6	44.	1.0	59.9 62.3
DSR-373	63.	60.	65.	9/21	1.8	43.	1.0	63.2 66.1

DEKALB PLANT GENETICS

CX 329	57.	54.	60.	9/15	1.8	39.	1.0	57.7 60.4
CX 340 C	64.	60.	69.	9/22	1.7	43.	1.0	
CX 366	59.	55.	63.	9/19	2.2	42.	1.0	62.3 64.8

GOLDEN HARVEST

H-1355	63.	59.	67.	9/23	2.5	45.	1.0	64.4 67.1
H-1358	63.	61.	66.	9/22	1.9	42.	1.0	62.1 64.4

GREAT LAKES HYBRIDS

GL 3105	63.	61.	66.	9/13	1.5	38.	1.0	63.3
GL 3494	60.	57.	64.	9/19	1.3	40.	1.0	64.6
GL 3698	61.	59.	64.	9/21	2.6	44.	1.0	61.2 65.0

GRIFFITH SEED CO.

PL 3100	62.	56.	69.	9/19	2.8	39.	1.0	
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Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(UR)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

GROWMARK

HS 3030	56.	54.	58.	9/17	1.5	34.	1.0	57.9
HS 3301	61.	61.	62.	9/20	1.4	37.	1.0	61.4
HS E 321	65.	65.	65.	9/18	1.6	41.	1.0	
HS E 322	65.	64.	67.	9/22	1.9	41.	1.0	

HOBLIT SEED CO.

HB 317	61.	62.	61.	9/17	1.2	40.	1.0	
HB 370	60.	57.	63.	9/24	2.6	45.	1.0	61.3

HUBNER SEED CO.

H 320 N	61.	60.	62.	9/18	1.5	42.	1.0	
H 344 N	61.	59.	62.	9/19	1.6	43.	1.0	
H 360	63.	59.	67.	9/22	2.2	44.	1.0	

HYPERFORMER SEED CO.

HSC 317	64.	62.	66.	9/20	2.2	39.	1.0	
HSC 355	64.	62.	66.	9/18	1.4	40.	1.0	

I.C.I. SEEDS

371	67.	62.	72.	9/21	1.8	42.	1.0	
379	64.	62.	67.	9/20	1.9	40.	1.0	
CHAMPION	60.	56.	63.	9/17	1.6	38.	1.0	61.4 63.8
CONQUEST	62.	60.	64.	9/21	2.0	43.	1.0	61.6
DIAMOND D-301	61.	57.	64.	9/24	2.6	46.	1.0	61.0 64.6
DIAMOND SC-357	63.	62.	64.	9/17	1.6	40.	1.0	65.2

J.M. SCHULTZ SEED CO.

JMS 3009	61.	61.	62.	9/17	1.5	43.	1.0	
JMS 3130	63.	61.	66.	9/18	2.6	42.	1.0	
JMS 3491	63.	60.	65.	9/24	2.3	38.	1.0	61.5
JMS 3609	64.	61.	68.	9/26	1.9	43.	1.0	62.6 64.2
JMS 3791	66.	64.	68.	9/23	1.9	40.	1.0	66.4

JACQUES SEED CO.

J-333	62.	58.	65.	9/18	2.1	43.	1.0	
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KRUGER SEED CO.

DESOY 330	66.	63.	69.	9/18	1.3	37.	1.0	
DESOY 356	65.	62.	67.	9/18	1.2	41.	1.0	
K 3333	66.	64.	67.	9/14	1.8	40.	1.0	65.8 69.1
K 3343	65.	65.	66.	9/21	1.9	41.	1.0	
K 3769+	64.	59.	69.	9/19	1.7	40.	1.0	
K 3777	66.	64.	68.	9/26	1.5	39.	1.0	
K 3808	67.	63.	71.	9/21	2.7	42.	1.0	
K 3818	66.	63.	70.	9/26	1.7	38.	1.0	

LEWIS HYBRIDS

356	57.	53.	60.	9/23	1.6	35.	1.0	
367	63.	60.	65.	9/24	2.2	44.	1.0	61.6 65.9
374	56.	53.	60.	9/21	2.6	40.	1.0	

LYNKs SEEDS

5327	63.	61.	65.	9/17	1.3	40.	1.0	64.7
5350	63.	58.	68.	9/20	1.3	36.	1.0	

MC ALLISTER SEED CO.

MASCO RECYSTER	65.	62.	68.	9/22	1.9	44.	1.0	63.4
MASCO RULER	64.	58.	69.	9/21	1.8	40.	1.0	66.9

MC CURDY SEED CO.

331	63.	63.	64.	9/18	2.1	42.	1.0	
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MERSCHMAN SEEDS

COOLIDGE	66.	68.	65.	9/20	1.3	40.	1.0	64.6
EISENHOWER II	63.	58.	69.	9/28	2.5	43.	1.0	65.3 65.6
FILLMORE III	65.	61.	68.	9/18	2.9	41.	1.0	63.1
GARFIELD	59.	56.	61.	9/18	2.0	42.	1.0	
HARRISON II	63.	57.	69.	9/18	2.5	42.	1.0	61.4
HAYES II	62.	61.	64.	9/19	1.4	37.	1.0	
HOOVER III	62.	61.	63.	9/13	1.5	37.	1.0	
KENNEDY IV	65.	61.	68.	9/23	2.0	40.	1.0	65.3
TRUMAN III	62.	57.	66.	9/24	2.4	41.	1.0	62.7 65.4

Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
MERSCHMAN SEEDS, continued									
WASHINGTON VI	62.	57.	67.	9/22	2.5	42.	1.0	62.4	65.2
NORTHROP KING CO.									
S 33-32	62.	56.	68.	9/18	2.0	40.	1.0	62.7	
S 39-11	62.	55.	68.	9/29	2.7	43.	1.0		
X 9135	64.	59.	69.	9/22	1.8	40.	1.0		
X 9138	59.	57.	60.	9/21	2.7	43.	1.0		
X 9230	65.	60.	70.	9/16	1.7	42.	1.0		
X 9234	63.	61.	64.	9/20	1.6	37.	1.0		
PAYCO SEEDS									
9233	66.	65.	68.	9/20	1.4	38.	1.0		
PS 9036	63.	59.	66.	9/17	1.4	41.	1.0	62.6	
PIONEER HI-BRED INTERN.									
9303	60.	56.	64.	9/15	2.0	38.	1.0	58.3	63.1
9312	60.	57.	62.	9/15	1.7	43.	1.0		
9341	64.	60.	68.	9/17	1.9	42.	1.0		
9381	65.	64.	67.	9/20	2.0	40.	1.0		
9392	68.	67.	68.	9/21	1.2	41.	1.0	65.8	
PUBLIC VARIETY									
CARTTER	54.	51.	57.	9/20	2.8	39.	1.0	53.6	57.7
CHAMBERLAIN	62.	59.	65.	9/29	3.3	44.	1.0	61.2	61.5
EDISON	63.	60.	66.	9/19	1.6	38.	1.0	62.3	63.8
HOBBIT 87	57.	54.	60.	9/20	1.0	27.	1.0	59.0	61.2
PELLA 86	55.	50.	59.	9/15	2.2	39.	1.0	53.4	58.1
RESNIK	60.	60.	60.	9/17	1.7	38.	1.0	60.8	62.1
SHERMAN	61.	56.	66.	9/17	2.6	39.	1.0	58.8	61.0
THORNE	62.	62.	63.	9/22	1.8	39.	1.0		
SHISSLER SEED CO.									
GR8 368	61.	55.	67.	9/21	2.6	37.	1.0	60.4	62.6
GR8 385	62.	58.	66.	9/24	2.5	46.	1.0	62.3	65.2
GR8 397	65.	61.	70.	9/23	2.2	41.	1.0		
SIEBEN HYBRIDS									
SS 331	63.	61.	65.	9/16	1.3	40.	1.0		
SS 349	59.	57.	62.	9/24	2.4	37.	1.0	58.3	61.7
STEWART HYBRIDS									
321	62.	60.	64.	9/14	1.5	37.	1.0		
324	61.	56.	67.	9/23	1.9	34.	1.0	61.0	
334	49.	46.	52.	9/13	3.1	41.	1.0		
SPLE	50.	46.	54.	9/17	2.4	40.	1.0		
STINE SEED CO.									
3260	67.	64.	69.	9/22	1.9	39.	1.0	66.9	68.5
SUN-AG SEED									
ERLENE	56.	49.	64.	9/21	2.6	44.	1.0		
KIM	56.	54.	59.	9/26	2.1	43.	1.0		
LORENE	57.	54.	59.	9/22	1.8	36.	1.0		
TERRA INTERNATIONAL									
FINALIST	62.	60.	65.	9/23	1.8	39.	1.0	61.4	64.5
TORCH	65.	63.	68.	9/20	1.6	42.	1.0	64.5	
TS 312	63.	62.	64.	9/14	1.5	39.	1.0		
TRI-COUNTY STOCKDALE									
GA 3089	62.	59.	64.	9/17	1.9	40.	1.0	61.9	64.3
TRISLER SEED FARMS									
TRISOY 3030	63.	62.	64.	9/18	2.3	39.	1.0	59.6	
TRISOY 3311	66.	62.	70.	9/21	1.8	40.	1.0		
TRISOY 3410	64.	61.	67.	9/21	1.9	42.	1.0		
TRISOY 3440	60.	58.	62.	9/17	1.4	41.	1.0	60.3	
TRISOY 364	61.	57.	64.	9/24	2.5	45.	1.0	62.6	
TRISOY 3716	64.	62.	65.	9/25	1.9	44.	1.0	62.3	
TRISOY 377	61.	58.	64.	9/24	2.0	38.	1.0	60.6	
TRISOY 3980	62.	60.	63.	9/16	1.5	41.	1.0	63.3	

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
TWIN STATES									
9314	61.	60.	62.	9/18	1.2	40.	1.0		
9323	61.	59.	62.	9/15	1.2	39.	1.0		
9330	62.	60.	63.	9/20	1.8	40.	1.0	62.0	64.0
9353	58.	57.	59.	9/22	2.0	38.	1.0		
9380	61.	59.	63.	9/27	2.6	45.	1.0	61.5	65.2
9390	62.	58.	66.	9/22	1.9	43.	1.0	62.2	65.4
U.A.P. SEED CO.									
DYNA-GRO 3301	60.	58.	63.	9/17	1.4	42.	1.0	60.3	
DYNA-GRO 3340	61.	58.	63.	9/22	1.8	44.	1.0	59.6	
DYNA-GRO 3371	55.	52.	59.	9/24	1.7	34.	1.0	60.6	
UAPX 89	59.	56.	61.	9/26	2.3	45.	1.0		
VIGORO									
KE 298	56.	54.	58.	9/17	1.5	39.	1.0	59.1	62.3
KE 341	58.	54.	63.	9/21	2.1	41.	1.0	60.7	
KE 358	62.	61.	63.	9/25	2.4	45.	1.0	61.6	64.6
KE 371	66.	66.	66.	9/27	1.6	37.	1.0	67.5	68.6
KE 389	64.	63.	66.	9/22	1.8	44.	1.0	64.5	66.9
VORIS SEEDS									
V-324	56.	56.	56.	9/15	2.4	38.	1.0		
V-363	65.	63.	67.	9/17	1.3	40.	1.0	65.3	66.5
WILKEN SEED GRAINS									
3451	54.	47.	61.	9/22	1.6	36.	1.0		
3477	64.	61.	67.	9/25	2.2	46.	1.0	61.6	64.3
3484	66.	64.	69.	9/25	2.1	43.	1.0	61.5	65.0
3621 CN	59.	58.	60.	9/22	2.0	44.	1.0	59.4	62.1
EX 929	54.	47.	62.	9/22	2.1	39.	1.0		
EX 936	68.	64.	71.	9/21	1.8	41.	1.0		
WILSON SEEDS									
3250	64.	62.	66.	9/16	1.7	39.	1.0		
AVERAGE	62.0	59.1	64.5	..	1.9	41	1.0	62.0	64.1
L.S.D. 10% LEVEL	4.3	4.6	4.0	..	0.3	3	..	..	..
L.S.D. 30% LEVEL	2.7	2.9	2.5	..	0.2	2	..	..	..
STD ERR OF TRT MN	1.3	2.0	1.7	..	0.1	1	..	2.5	2.4
MATURITY GROUP IV									
DEKALB PLANT GENETICS									
CX 404	65.	62.	68.	9/29	2.2	42.	1.0		
GOLDEN HARVEST									
H-1407	63.	57.	69.	9/27	2.4	43.	1.0		
J M SCHULTZ SEED CO.									
JMS 4140	60.	54.	66.	9/29	2.7	43.	1.0		
PAYCO SEEDS									
9241	63.	60.	67.	9/27	2.6	42.	1.0		
PIONEER HI-BRED INTERN.									
9443	59.	56.	63.	10/03	2.7	42.	1.0	60.7	
PUBLIC VARIETY									
FLYER	63.	60.	66.	9/25	1.8	42.	1.0	65.7	66.2
HAMILTON	55.	47.	62.	9/19	2.8	41.	1.0	58.0	62.3
NILE	48.	42.	54.	9/29	3.6	45.	1.0		
TRISLER SEED FARMS									
TRISOY 4120	63.	56.	70.	9/26	2.3	41.	1.0	68.8	
AVERAGE	60.0	55.2	64.8	..	2.6	42	1.0	63.3	64.3
L.S.D. 10% LEVEL	5.2	5.5	5.2	..	0.4	3	..	..	..
L.S.D. 30% LEVEL	3.3	3.4	3.2	..	0.2	2	..	..	..
STD ERR OF TRT MN	1.6	2.2	2.1	..	0.1	1	..	4.9	2.7

Region III: Monmouth (MO) and Perry (PE) (30-inch row spacing)

Brand	1992 Results								Average	
	Reg.	(MO)	(PE)	Mat.	Lod	Ht	Sha		2-Yr	3-Yr
	Yld	Yld	Yld							
Cultivar or Blend	Bu/A	Bu/A	Bu/A	Date	gng	in	ter		Bu/A	Bu/A
MATURITY GROUP II										
AINSWORTH SEED CO.										
2A-88	48.	59.	36.	9/12	1.3	37.	1.0		53.6	55.1
DISCOVERY	45.	54.	37.	9/11	1.5	36.	1.0		52.3	56.2
CALLAHAN ENTERPRISES										
1290	49.	60.	38.	9/12	1.1	34.	1.0			
3289 X	51.	59.	44.	9/14	1.3	37.	1.0			
3313 X	52.	63.	41.	9/12	1.6	37.	1.0			
GOLDEN HARVEST										
H-1260	48.	56.	41.	9/07	1.7	35.	1.0		54.3	55.9
H-1271	53.	62.	43.	9/12	1.4	40.	1.0		53.2	
GRIFFITH SEED CO.										
3351 X	47.	56.	37.	9/08	1.2	35.	1.0			
PL 2025	52.	60.	43.	9/08	1.1	32.	1.0			
PL 2120	51.	60.	42.	9/11	1.2	36.	1.0			
PL 2230	47.	55.	39.	9/11	1.2	36.	1.0			
HOBLIT SEED CO.										
HB 284	49.	58.	40.	9/11	1.3	41.	1.0		50.4	
J M SCHULTZ SEED CO.										
JMS 2990	50.	62.	39.	9/13	2.3	37.	1.0		53.8	57.5
KALTENBERG SEED FARMS										
KB 292	50.	60.	40.	9/12	1.4	34.	1.0			
LYNKS SEEDS										
5245	48.	54.	42.	9/06	1.8	35.	1.0			
5270	51.	60.	42.	9/12	1.5	40.	1.0		52.0	
NORTHROP KING CO.										
S 29-39	44.	47.	42.	9/11	2.2	36.	1.0		52.7	
PUBLIC VARIETY										
ARCHER	45.	52.	37.	9/06	1.6	35.	1.0		44.3	48.6
BURLISON	43.	51.	36.	9/10	1.3	34.	1.0		50.2	53.7
CHAPMAN	44.	54.	34.	9/10	1.4	33.	1.0		52.8	55.9
CONRAD	47.	56.	38.	9/11	1.3	35.	1.0		50.4	54.9
HACK	43.	52.	34.	9/06	1.3	33.	1.0		47.1	49.2
IA 2007	45.	52.	37.	9/13	2.1	37.	1.0		51.1	
IA 2008	48.	57.	39.	9/07	1.6	36.	1.0		50.9	
JACK	55.	62.	48.	9/13	2.3	43.	1.0		58.0	64.0
KENWOOD	44.	50.	38.	9/06	1.8	33.	1.0		51.1	53.6
SHISSLER SEED CO.										
GR8 282	51.	65.	38.	9/10	1.2	36.	1.0		53.3	
GR8 297	51.	60.	42.	9/13	1.5	37.	1.0		55.3	56.7
SPARTA SEED CO.										
280	49.	54.	43.	9/10	2.1	41.	1.0		55.0	
STINE SEED CO.										
3210	52.	65.	39.	9/11	1.4	36.	1.0			
TERRA INTERNATIONAL										
FLAME	51.	62.	40.	9/13	1.3	36.	1.0		56.0	
TS 253	52.	61.	43.	9/09	1.2	32.	1.0			
WINNER	48.	55.	42.	9/10	1.8	37.	1.0		56.9	57.9
U.A.P. SEED CO.										
DYNA-GRO 3290	49.	60.	37.	9/11	1.3	38.	1.0			
VORIS SEEDS										
V-289	48.	56.	41.	9/12	1.5	37.	1.0		58.0	60.0
AVERAGE	48.6	57.8	39.6	..	1.5	36	1.0		52.7	55.7
L.S.D. 10% LEVEL	3.7	4.1	3.4	..	0.4	3	..		..	..
L.S.D. 30% LEVEL	2.3	2.6	2.1	..	0.3	2	..		..	..
STD ERR OF TRT MN	1.1	1.7	1.4	..	0.1	1	..		3.2	3.9

Brand	1992 Results								Average	
	Reg.	(MO)	(PE)	Mat.	Lod	Ht	Sha		2-Yr	3-Yr
	Yld	Yld	Yld							
Cultivar or Blend	Bu/A	Bu/A	Bu/A	Date	gng	in	ter		Bu/A	Bu/A
MATURITY GROUP III										
AGRATECH SEEDS INC.										
350	53.	61.	45.	9/18	1.4	40.	1.0			
380	49.	57.	40.	9/17	1.9	42.	1.0			
AGRIGENE SEED RESEARCH										
AG 533	47.	59.	35.	9/11	1.5	41.	1.0			
AINSWORTH SEED CO.										
3A-55	50.	57.	44.	9/16	1.9	38.	1.0			
3A-69	52.	62.	41.	9/11	1.5	38.	1.0			
3A-89 N	50.	58.	42.	9/19	1.5	40.	1.0		59.5	
ASGROW SEED CO.										
A 3237	54.	65.	43.	9/15	1.2	37.	1.0			
A 3242	55.	63.	47.	9/17	1.7	39.	1.0		58.9	
A 3322	52.	59.	45.	9/15	1.4	36.	1.0		60.3	60.4
A 3431	54.	58.	49.	9/18	1.4	41.	1.0			
CALLAHAN ENTERPRISES										
1330	51.	61.	40.	9/10	1.3	37.	1.0			
1365	54.	64.	44.	9/16	1.4	38.	1.0			
1380 N	49.	54.	45.	9/17	2.0	40.	1.0			
2366	55.	65.	44.	9/16	1.6	38.	1.0			
2399	51.	58.	44.	9/17	1.9	40.	1.0			
3343 X	49.	56.	42.	9/15	1.9	38.	1.0			
3355 X	48.	56.	40.	9/15	1.6	33.	1.0			
3393 NX	53.	61.	46.	9/21	2.2	44.	1.0			
7390	52.	60.	44.	9/16	1.6	44.	1.0			
9320 N	47.	51.	42.	9/13	2.3	39.	1.0			
CIBA-GEIGY SEED										
3311	50.	59.	40.	9/07	1.1	36.	1.0		56.3	
3344	53.	62.	45.	9/14	1.3	40.	1.0		59.8	60.2
3362	54.	64.	44.	9/17	1.5	38.	1.0			
3385	52.	63.	42.	9/15	1.7	40.	1.0		60.9	
3388	53.	60.	46.	9/15	1.2	41.	1.0		59.0	
COUTANT SEED FARM										
XP 3250	50.	58.	43.	9/10	1.3	39.	1.0			
DEKALB PLANT GENETICS										
CX 329	48.	54.	41.	9/10	1.5	38.	1.0			
CX 340 C	54.	60.	48.	9/18	1.4	41.	1.0			
CX 366	49.	55.	44.	9/13	1.7	41.	1.0		59.1	60.3
GOLDEN HARVEST										
H-1355	50.	59.	41.	9/16	1.9	43.	1.0		58.6	61.4
H-1358	53.	61.	45.	9/17	1.5	40.	1.0		59.9	60.8
GREAT LAKES HYBRIDS										
GL 3105	50.	61.	39.	9/08	1.3	36.	1.0		59.4	
GL 3494	49.	57.	42.	9/11	1.2	37.	1.0		58.4	
GL 3698	51.	59.	44.	9/16	1.9	43.	1.0		61.8	63.1
GRIFFITH SEED CO.										
PL 3100	48.	56.	41.	9/13	2.0	39.	1.0			
GROWMARK										
HS 3030	45.	54.	37.	9/10	1.3	32.	1.0			
HS 3301	50.	61.	39.	9/13	1.2	34.	1.0			
HS E 321	55.	65.	44.	9/14	1.5	39.	1.0			
HS E 322	54.	64.	45.	9/16	1.5	39.	1.0			
HOBLIT SEED CO.										
HB 317	53.	62.	45.	9/14	1.1	38.	1.0			
HB 370	49.	57.	40.	9/15	1.8	43.	1.0		59.3	

Region III: Monmouth (MO) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(PE)	Mat.	Lod	Ht	Sha	2-Yr	3-Yr
	Yld	Yld	Yld						
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
I.C.I. SEEDS									
371	53.	62.	45.	9/17	1.6	39.	1.0		
379	50.	62.	38.	9/15	1.5	37.	1.0		
CHAMPION	48.	56.	40.	9/10	1.3	36.	1.0	58.5	59.4
CONQUEST	54.	60.	48.	9/18	1.7	40.	1.0	59.1	
DIAMOND D-301	48.	57.	38.	9/17	1.9	43.	1.0	57.7	60.2
DIAMOND SC-357	53.	62.	44.	9/10	1.4	37.	1.0	61.7	
J M SCHULTZ SEED CO.									
JMS 3009	54.	61.	48.	9/12	1.2	41.	1.0		
JMS 3130	53.	61.	45.	9/11	1.8	38.	1.0		
JMS 3491	54.	60.	47.	9/17	1.8	38.	1.0	59.4	
JMS 3609	53.	61.	45.	9/18	1.5	41.	1.0	58.0	60.5
JMS 3791	54.	64.	43.	9/17	1.8	38.	1.0	62.3	
KALTENBERG SEED FARMS									
KB 362	53.	66.	40.	9/15	1.3	37.	1.0		
LEWIS HYBRIDS									
356	49.	53.	46.	9/18	1.7	37.	1.0		
367	50.	60.	40.	9/16	1.7	42.	1.0	58.6	61.8
374	49.	53.	46.	9/17	1.8	37.	1.0		
LYNKS SEEDS									
5327	50.	61.	40.	9/11	1.2	38.	1.0	61.0	
5350	49.	58.	41.	9/14	1.2	35.	1.0		
MERSCHMAN SEEDS									
COOLIDGE	56.	68.	43.	9/14	1.2	37.	1.0		
EISENHOWER II	52.	58.	46.	9/20	2.0	39.	1.0	63.5	63.2
GARFIELD	49.	56.	42.	9/15	1.5	39.	1.0	58.0	59.7
KENNEDY IV	54.	61.	46.	9/16	1.7	39.	1.0		
ROOSEVELT	45.	51.	39.	9/18	1.8	42.	1.0	56.7	59.1
TRUMAN III	51.	57.	44.	9/17	1.9	39.	1.0	60.7	62.6
WASHINGTON VI	49.	57.	42.	9/17	1.9	41.	1.0	59.6	62.3
NORTHROP KING CO.									
S 33-32	50.	56.	43.	9/11	1.6	36.	1.0	59.4	
S 39-11	51.	55.	47.	9/21	2.1	43.	1.0		
X 9135	51.	59.	42.	9/14	1.6	39.	1.0		
X 9138	50.	57.	43.	9/17	2.0	42.	1.0		
X 9230	51.	60.	43.	9/10	1.5	40.	1.0		
X 9234	51.	61.	41.	9/13	1.6	37.	1.0		
PAYCO SEEDS									
9233	54.	65.	44.	9/15	1.2	36.	1.0		
PS 9036	49.	59.	39.	9/10	1.3	37.	1.0	58.2	
PIONEER HI-BRED INTERN.									
9303	48.	56.	39.	9/07	1.6	37.	1.0	55.8	58.7
9312	51.	57.	44.	9/10	1.3	42.	1.0		
9381	54.	64.	45.	9/15	1.6	38.	1.0	65.2	65.2
9392	55.	67.	43.	9/17	1.2	39.	1.0	60.8	
PUBLIC VARIETY									
CARTTER	47.	51.	44.	9/14	2.1	39.	1.0	51.4	54.0
CHAMBERLAIN	50.	59.	42.	9/20	2.3	41.	1.0	57.2	57.7
EDISON	50.	60.	39.	9/14	1.5	35.	1.0	59.9	61.1
HOBBIT 87	48.	54.	42.	9/14	1.0	26.	1.0	58.1	57.6
PELLA 86	43.	50.	36.	9/08	1.9	38.	1.0	51.2	54.5
RESNIK	49.	60.	38.	9/14	1.5	36.	1.0	56.3	57.5
SHERMAN	50.	56.	44.	9/11	1.9	38.	1.0	58.6	60.1
THORNE	51.	62.	40.	9/16	1.6	37.	1.0		
SHISSLER SEED CO.									
GR8 368	48.	55.	42.	9/14	2.1	38.	1.0	57.3	58.3
GR8 385	49.	58.	40.	9/18	2.0	43.	1.0	58.1	60.2
GR8 397	55.	61.	48.	9/17	1.9	40.	1.0		

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(PE)	Mat.	Lod	Ht	Sha	2-Yr	3-Yr
	Yld	Yld	Yld						
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
SPARTA SEED CO.									
300	47.	58.	36.	9/08	1.6	35.	1.0	57.3	
340	52.	63.	42.	9/10	1.8	38.	1.0	59.0	
345	48.	56.	41.	9/10	1.4	38.	1.0	57.7	
350	46.	46.	45.	9/20	3.1	44.	1.0		
STEWART HYBRIDS									
321	49.	60.	39.	9/07	1.2	35.	1.0		
324	50.	56.	45.	9/18	1.4	33.	1.0	59.4	
334	41.	46.	37.	9/07	2.3	41.	1.0		
SPLE	41.	46.	36.	9/10	2.1	39.	1.0		
STINE SEED CO.									
3260	55.	64.	45.	9/17	1.6	37.	1.0	63.7	65.2
SUN-AG SEED									
ERLENE	44.	49.	40.	9/17	2.2	44.	1.0		
TERRA INTERNATIONAL									
FINALIST	50.	60.	41.	9/15	1.5	37.	1.0	57.3	58.3
TORCH	53.	63.	43.	9/17	1.3	39.	1.0	63.7	
TS 312	52.	62.	41.	9/08	1.4	36.	1.0		
TRISLER SEED FARMS									
TRISOY 3311	54.	62.	46.	9/15	1.6	38.	1.0		
TRISOY 3410	52.	61.	44.	9/14	1.6	39.	1.0		
TRISOY 3716	53.	62.	44.	9/18	1.5	42.	1.0		
TRISOY 3980	50.	60.	40.	9/12	1.3	37.	1.0		
U.A.P. SEED CO.									
DYNA-GRO 3301	50.	58.	43.	9/12	1.3	39.	1.0		
DYNA-GRO 3340	50.	58.	41.	9/18	1.4	42.	1.0	57.0	
DYNA-GRO 3371	47.	52.	42.	9/19	1.6	36.	1.0	57.8	
UAPX 89	47.	56.	38.	9/17	1.8	43.	1.0		
VORIS SEEDS									
V-363	52.	63.	41.	9/11	1.2	37.	1.0	61.9	63.1
WILKEN SEED GRAINS									
3451	44.	47.	40.	9/18	1.5	37.	1.0		
3477	51.	61.	41.	9/16	1.8	43.	1.0	57.9	60.8
3484	54.	64.	44.	9/18	1.6	41.	1.0	61.0	62.2
3621 CN	53.	58.	48.	9/18	1.6	41.	1.0	60.1	61.3
EX 929	46.	47.	44.	9/15	1.5	36.	1.0		
EX 936	55.	64.	46.	9/16	1.6	38.	1.0		
WILSON SEEDS									
3250	53.	62.	44.	9/10	1.5	35.	1.0	63.0	
AVERAGE									
	50.6	59.1	42.7	..	1.6	39	1.0	59.1	60.3
L.S.D. 10% LEVEL	4.4	4.6	4.3	..	0.3	2	..	..	..
L.S.D. 30% LEVEL	2.8	2.9	2.7	..	0.2	2	..	..	..
STD ERR OF TRT MN	1.3	2.0	1.8	..	0.1	1	..	2.5	2.5
MATURITY GROUP IV									
DEKALB PLANT GENETICS									
CX 404	54.	62.	47.	9/21	1.8	39.	1.0		
GOLDEN HARVEST									
H-1407	49.	57.	42.	9/20	1.8	40.	1.0		
J M SCHULTZ SEED CO.									
JMS 4140	51.	54.	49.	9/21	2.0	40.	1.0		
KALTENBERG SEED FARMS									
KB 402	53.	58.	48.	9/19	1.9	40.	1.0		
MERSCHMAN SEEDS									
NORFOLK	51.	55.	46.	9/20	1.8	40.	1.0		

Region III: Monmouth (MO) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results								Average	
	Reg.	(MO)	(PE)					2-Yr	3-Yr	
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld	
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A	
PAYCO SEEDS										
9241	52.	60.	43.	9/19	1.7	38.	1.0			
PIONEER HI-BRED INTERN.										
9443	52.	56.	48.	9/24	2.2	40.	1.0	58.9		
PUBLIC VARIETY										
FLYER	51.	60.	43.	9/20	1.5	37.	1.0	60.4	60.5	
HAMILTON	47.	47.	46.	9/15	2.2	38.	1.0	55.7	59.6	
NILE	42.	42.	42.	9/22	2.8	45.	1.0			

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(MO)	(PE)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
AVERAGE	50.2	55.2	44.9	..	2.0	40	1.0	58.3	60.0
L.S.D. 10% LEVEL ..	5.3	5.5	5.4	..	0.3	2	..	..	..
L.S.D. 30% LEVEL ..	3.3	3.4	3.4	..	0.2	2	..	..	..
STD ERR OF TRT MN	1.6	2.2	2.2	..	0.1	1	..	2.4	0.6

Region IV: Urbana (UR) and Perry (PE) (30-inch row spacing)

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(UR)	(PE)						
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	2-Yr	3-Yr
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(UR)	(PE)					2-Yr 3-Yr	
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

MATURITY GROUP II

AINSWORTH SEED CO.								
2A-88	50.	63.	36.	9/10	1.3	37.	1.0	
DISCOVERY	48.	60.	37.	9/09	1.9	36.	1.0	47.2
CALLAHAN ENTERPRISES								
1290	50.	62.	38.	9/10	1.1	34.	1.0	49.5
3289 X	52.	60.	44.	9/11	1.3	37.	1.0	
3313 X	55.	69.	41.	9/10	1.5	38.	1.0	
GOLDEN HARVEST								
H-1260	52.	64.	41.	9/07	1.8	35.	1.0	49.1 53.3
H-1271	52.	61.	43.	9/09	1.4	40.	1.0	46.9
X-296	47.	57.	36.	9/12	1.0	36.	1.0	
GRIFFITH SEED CO.								
3351 X	49.	61.	37.	9/07	1.2	35.	1.0	
PL 2025	54.	66.	43.	9/07	1.2	31.	1.0	
PL 2120	52.	61.	42.	9/09	1.2	36.	1.0	
PL 2230	48.	58.	39.	9/11	1.3	37.	1.0	
HOBLIT SEED CO.								
HB 284	51.	63.	40.	9/09	1.3	39.	1.0	46.4
J M SCHULTZ SEED CO.								
JMS 2990	50.	61.	39.	9/11	2.1	37.	1.0	47.8 54.0
LYNKS SEEDS								
5245	52.	61.	42.	9/06	1.7	34.	1.0	
5270	53.	64.	42.	9/10	1.3	39.	1.0	47.0
NOBLEBEAR								
NB 2780	52.	60.	43.	9/09	1.2	40.	1.0	45.5 50.6
NB 2905	50.	63.	37.	9/11	1.4	35.	1.0	
NORTHROP KING CO.								
S 29-39	52.	63.	42.	9/11	1.9	35.	1.0	50.4
PRAIRIE STREAM FARMS								
PSF 292	42.	51.	33.	9/10	1.4	39.	1.0	
PUBLIC VARIETY								
ARCHER	46.	55.	37.	9/03	1.6	35.	1.0	36.7 42.6
BURLISON	48.	59.	36.	9/09	1.2	34.	1.0	46.6 51.7
CHAPMAN	48.	63.	34.	9/07	1.4	36.	1.0	47.8 52.2
CONRAD	51.	65.	38.	9/09	1.2	35.	1.0	46.5 53.2
HACK	44.	55.	34.	9/07	1.3	34.	1.0	38.8 42.9
IA 2007	49.	60.	37.	9/12	1.4	36.	1.0	47.8
IA 2008	49.	59.	39.	9/07	1.9	38.	1.0	42.1
JACK	56.	64.	48.	9/12	2.5	43.	1.0	51.3 58.2
KENWOOD	49.	60.	38.	9/07	1.8	36.	1.0	48.2 51.9

SHISSLER SEED CO.								
GR8 282	51.	64.	38.	9/08	1.2	36.	1.0	46.7
GR8 297	51.	60.	42.	9/12	1.5	37.	1.0	49.3 52.1
STINE SEED CO.								
3210	52.	65.	39.	9/09	1.3	36.	1.0	
TERRA INTERNATIONAL								
FLAME	54.	69.	40.	9/13	1.3	36.	1.0	51.7
TS 253	54.	64.	43.	9/07	1.2	32.	1.0	
WINNER	53.	64.	42.	9/09	1.8	36.	1.0	51.5 54.9
U.A.P. SEED CO.								
DYNA-GRO 3290	49.	61.	37.	9/10	1.4	37.	1.0	
UPHOFF SEEDS								
2901	56.	70.	41.	9/12	1.2	37.	1.0	
VORIS SEEDS								
V-289	51.	62.	41.	9/11	1.5	37.	1.0	51.6 55.2
AVERAGE	50.6	61.7	39.6	..	1.4	36	1.0	47.2 51.8
L.S.D. 10% LEVEL	4.1	4.8	3.4	..	0.3	3	..	.. ..
L.S.D. 30% LEVEL	2.6	3.0	2.1	..	0.2	2	..	.. ..
STD ERR OF TRT MN	1.2	2.0	1.4	..	0.1	1	..	3.8 4.4

MATURITY GROUP III

AGRATTECH SEEDS INC.								
350	56.	67.	45.	9/16	1.3	40.	1.0	
380	53.	66.	40.	9/17	1.8	43.	1.0	
AGRIGENE SEED RESEARCH								
AG 439	58.	68.	47.	9/19	1.5	40.	1.0	59.8
AINSWORTH SEED CO.								
3A-69	52.	64.	41.	9/11	1.2	38.	1.0	
3A-89 N	55.	67.	42.	9/15	1.3	40.	1.0	
TITAN	56.	63.	48.	9/17	1.7	43.	1.0	56.9
ASGROW SEED CO.								
A 3237	57.	70.	43.	9/16	1.2	38.	1.0	
A 3242	56.	65.	47.	9/12	1.7	38.	1.0	54.8
A 3322	54.	62.	45.	9/14	1.2	37.	1.0	57.1 59.6
A 3431	58.	66.	49.	9/20	1.3	40.	1.0	
A 3733	54.	66.	42.	9/21	1.3	33.	1.0	57.4 60.3
A 3935	57.	73.	42.	9/20	1.9	42.	1.0	59.4 61.9
BROWN SEED ENTERPRISES								
ARISE 362	55.	66.	44.	9/14	1.2	38.	1.0	55.4
ARISE 393	57.	72.	43.	9/18	1.6	40.	1.0	

Region IV: Urbana (UR) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(UR)	(PE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
BUTZOW SEEDS									
2636	46.	55.	37.	9/05	2.0	40.	1.0		
3171	47.	58.	36.	9/09	1.9	41.	1.0		
3629	52.	61.	44.	9/13	2.6	41.	1.0	54.0	
8272	55.	64.	45.	9/12	2.2	45.	1.0		
CALLAHAN ENTERPRISES									
1330	52.	64.	40.	9/10	1.0	37.	1.0	54.1	58.9
1365	58.	72.	44.	9/15	1.1	39.	1.0	58.6	61.1
1380 N	52.	60.	45.	9/15	2.1	40.	1.0	53.4	
2366	56.	68.	44.	9/16	1.5	39.	1.0	57.5	
2399	55.	67.	44.	9/19	1.7	41.	1.0		
3343 X	53.	65.	42.	9/13	1.7	38.	1.0		
3355 X	52.	63.	40.	9/13	1.4	34.	1.0		
3393 NX	56.	66.	46.	9/21	2.2	43.	1.0		
7390	55.	65.	44.	9/18	1.5	42.	1.0	57.9	60.3
9320 N	50.	57.	42.	9/10	2.1	40.	1.0		
CIBA-GEIGY SEED									
3311	52.	63.	40.	9/07	1.3	36.	1.0	52.5	
3344	53.	61.	45.	9/11	1.2	39.	1.0	53.2	55.6
3362	57.	71.	44.	9/15	1.4	39.	1.0		
3385	54.	67.	42.	9/16	1.6	39.	1.0	57.0	60.7
3388	57.	67.	46.	9/13	1.4	40.	1.0	55.0	59.9
DEKALB PLANT GENETICS									
CX 329	51.	60.	41.	9/08	1.3	38.	1.0		
CX 340 C	58.	69.	48.	9/16	1.3	39.	1.0		
CX 366	54.	63.	44.	9/14	1.5	40.	1.0	55.9	58.8
GOLDEN HARVEST									
H-1308	49.	62.	35.	9/11	1.6	40.	1.0		
H-1334	52.	63.	41.	9/17	1.4	37.	1.0		
H-1353	58.	69.	48.	9/15	1.5	38.	1.0		
H-1355	54.	67.	41.	9/17	1.6	43.	1.0	58.6	61.8
H-1358	56.	66.	45.	9/16	1.6	40.	1.0	53.9	57.0
X-314	53.	63.	43.	9/11	1.1	40.	1.0		
X-356	51.	62.	41.	9/16	1.1	36.	1.0		
GREAT LAKES HYBRIDS									
GL 3105	52.	66.	39.	9/06	1.2	35.	1.0	55.9	
GL 3494	53.	64.	42.	9/12	1.1	37.	1.0	55.7	
GL 3698	54.	64.	44.	9/15	1.7	44.	1.0	58.5	61.3
GRIFFITH SEED CO.									
PL 3100	55.	69.	41.	9/10	2.0	38.	1.0		
GROWMARK									
HS 3030	48.	58.	37.	9/10	1.3	33.	1.0		
HS 3301	50.	62.	39.	9/11	1.3	35.	1.0		
HS E 321	55.	65.	44.	9/14	1.3	38.	1.0		
HS E 322	56.	67.	45.	9/15	1.4	39.	1.0		
HOBLIT SEED CO.									
HB 317	53.	61.	45.	9/11	1.1	38.	1.0		
HB 370	52.	63.	40.	9/16	1.8	43.	1.0	54.6	
I.C.I. SEEDS									
371	58.	72.	45.	9/14	1.4	40.	1.0		
379	53.	67.	38.	9/14	1.4	38.	1.0		
CHAMPION	52.	63.	40.	9/10	1.3	34.	1.0	51.9	54.3
CONQUEST	56.	64.	48.	9/15	1.7	40.	1.0	54.6	
DIAMOND D-301	51.	64.	38.	9/18	1.9	44.	1.0	54.4	58.9
DIAMOND SC-357	54.	64.	44.	9/09	1.3	38.	1.0	57.4	
J M SCHULTZ SEED CO.									
JMS 3009	55.	62.	48.	9/12	1.2	41.	1.0		
JMS 3130	56.	66.	45.	9/10	1.9	40.	1.0		
JMS 3491	56.	65.	47.	9/17	1.5	37.	1.0	54.5	
JMS 3609	57.	68.	45.	9/20	1.4	40.	1.0	54.0	57.6

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(UR)	(PE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
JMS 3791	56.	68.	43.	9/16	1.7	38.	1.0	59.0	
JACQUES SEED CO.									
J-399	55.	64.	47.	9/19	1.7	40.	1.0		
KITCHEN SEED CO.									
328 C	57.	69.	45.	9/16	1.4	33.	1.0	55.0	
330 C	58.	68.	49.	9/15	1.3	42.	1.0	54.9	58.7
375	50.	60.	40.	9/12	1.7	40.	1.0	52.0	55.6
385	52.	61.	42.	9/15	1.7	43.	1.0	54.2	57.7
390	59.	72.	46.	9/20	1.6	39.	1.0		
LEWIS HYBRIDS									
356	53.	60.	46.	9/17	1.3	35.	1.0		
367	53.	65.	40.	9/17	1.5	43.	1.0	54.5	59.2
374	53.	60.	46.	9/14	1.9	37.	1.0		
LYNKS SEEDS									
5327	53.	65.	40.	9/11	1.2	38.	1.0	56.5	
5350	55.	68.	41.	9/12	1.2	36.	1.0		
MERSCHMAN SEEDS									
COOLIDGE	54.	65.	43.	9/12	1.1	38.	1.0		
EISENHOWER II	57.	69.	46.	9/21	2.0	41.	1.0	61.0	61.5
GARFIELD	52.	61.	42.	9/14	1.5	40.	1.0		
KENNEDY IV	57.	68.	46.	9/17	1.7	39.	1.0		
TRUMAN III	55.	66.	44.	9/17	1.8	39.	1.0	57.2	61.2
WASHINGTON VI	54.	67.	42.	9/17	1.8	40.	1.0	57.0	60.2
NOBLEBEAR									
NB 3225	52.	62.	42.	9/11	1.0	37.	1.0		
NB 3708	56.	69.	43.	9/14	1.4	39.	1.0		
NB 3990	58.	72.	45.	9/21	1.7	40.	1.0	60.7	
NBX 3210	55.	67.	43.	9/14	1.5	41.	1.0		
NORTHROP KING CO.									
S 33-32	56.	68.	43.	9/12	1.4	37.	1.0	55.7	
S 39-11	57.	68.	47.	9/22	2.1	44.	1.0	58.5	
X 9135	56.	69.	42.	9/13	1.4	39.	1.0		
X 9138	52.	60.	43.	9/15	2.1	41.	1.0		
X 9230	56.	70.	43.	9/10	1.2	40.	1.0		
X 9234	53.	64.	41.	9/11	1.2	37.	1.0		
PAYCO SEEDS									
9233	56.	68.	44.	9/12	1.2	35.	1.0		
PS 9036	53.	66.	39.	9/10	1.2	38.	1.0	54.4	
PIONEER HI-BRED INTERN.									
9303	52.	64.	39.	9/05	1.5	36.	1.0	49.8	54.9
9312	53.	62.	44.	9/08	1.4	41.	1.0		
9381	56.	67.	45.	9/12	1.7	39.	1.0		
9392	55.	68.	43.	9/15	1.1	39.	1.0	56.6	
PLT BRDG CONSULTANTS									
EX 9239	55.	66.	43.	9/18	1.8	40.	1.0		
PRAIRIE STREAM FARMS									
PSF 350 N	57.	67.	47.	9/13	1.5	40.	1.0	56.7	
PSF 368 A	54.	67.	42.	9/14	1.8	41.	1.0	55.7	
PUBLIC VARIETY									
CARTTER	50.	57.	44.	9/11	1.9	39.	1.0	48.2	52.3
CHAMBERLAIN	53.	65.	42.	9/20	2.6	43.	1.0	53.1	54.8
EDISON	53.	66.	39.	9/14	1.2	35.	1.0	55.6	58.1
HOBBIT 87	51.	60.	42.	9/10	1.0	26.	1.0	49.2	51.3
KUNITZ	50.	57.	43.	9/20	2.0	42.	1.0	52.0	53.3
LINFORD	55.	65.	44.	9/23	2.5	44.	1.0	54.6	57.5
PELLA 86	48.	59.	36.	9/06	1.6	38.	1.0	48.3	52.3
RESNIK	49.	60.	38.	9/13	1.2	36.	1.0	50.9	53.5
SHERMAN	55.	66.	44.	9/10	1.7	38.	1.0	55.6	58.5
THORNE	51.	63.	40.	9/13	1.5	37.	1.0		
WILLIAMS 82	45.	54.	36.	9/19	1.6	41.	1.0	50.2	53.1

Region IV: Urbana (UR) and Perry (PE) (30-inch row spacing), continued

Brand	1992 Results							Average	
	Reg.	(UR)	(PE)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
Cultivar or Blend	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
SHISSLER SEED CO.									
GR8 368	55.	67.	42.	9/15	1.5	37.	1.0	54.8	57.7
GR8 385	53.	66.	40.	9/17	1.8	44.	1.0	55.5	59.
GR8 397	59.	70.	48.	9/18	1.7	41.	1.0		
STEWART HYBRIDS									
321	51.	64.	39.	9/06	1.2	36.	1.0		
324	56.	67.	45.	9/16	1.5	33.	1.0	53.3	
334	44.	52.	37.	9/05	2.1	39.	1.0		
SPLE	45.	54.	36.	9/10	1.7	40.	1.0		
STINE SEED CO.									
3260	57.	69.	45.	9/16	1.4	37.	1.0	59.5	62.4
STONE SEED FARMS									
EX-3022	51.	64.	38.	9/18	1.5	42.	1.0		
EX-3032	52.	66.	38.	9/08	1.1	39.	1.0		
EX-3042	57.	70.	45.	9/19	1.7	39.	1.0		
SE-304	55.	66.	44.	9/14	1.1	35.	1.0	56.0	
SE-305	58.	69.	47.	9/18	1.6	40.	1.0		
SE-310	54.	66.	42.	9/20	2.1	44.	1.0		
SUN-AG SEED									
ERLENE	52.	64.	40.	9/16	1.8	43.	1.0		
TERRA INTERNATIONAL									
FINALIST	53.	65.	41.	9/16	1.3	38.	1.0	53.2	57.1
TORCH	56.	68.	43.	9/15	1.2	39.	1.0	60.2	
TS 312	53.	64.	41.	9/06	1.3	36.	1.0		
TRISLER SEED FARMS									
TRISOY 3311	58.	70.	46.	9/14	1.5	38.	1.0		
TRISOY 3410	56.	67.	44.	9/13	1.3	40.	1.0		
TRISOY 3716	55.	65.	44.	9/18	1.3	42.	1.0		
TRISOY 3980	52.	63.	40.	9/10	1.2	38.	1.0		
U.A.P. SEED CO.									
DYNA-GRO 3301	53.	63.	43.	9/10	1.1	39.	1.0		
DYNA-GRO 3340	52.	63.	41.	9/16	1.4	41.	1.0	52.5	
DYNA-GRO 3371	51.	59.	42.	9/16	1.3	34.	1.0	54.8	
UAPX 89	50.	61.	38.	9/21	1.6	43.	1.0		
UPHOFF SEEDS									
3006	51.	63.	40.	9/17	1.8	39.	1.0		
3012	55.	65.	46.	9/22	2.7	47.	1.0		
3101	52.	60.	43.	9/13	1.4	36.	1.0		
3650	55.	65.	44.	9/18	2.1	40.	1.0	55.1	
VORIS SEEDS									
V-363	54.	67.	41.	9/11	1.1	37.	1.0	57.9	60.0
V-370	57.	67.	47.	9/16	1.4	41.	1.0		

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(UR)	(PE)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
VORIS, continued									
V-380	58.	69.	47.	9/14	1.4	40.	1.0		
V-394	58.	70.	47.	9/17	1.7	40.	1.0		
WILKEN SEED GRAINS									
3451	50.	61.	40.	9/17	1.2	37.	1.0		
3477	54.	67.	41.	9/18	1.5	43.	1.0	56.4	59.5
3484	57.	69.	44.	9/19	1.5	41.	1.0	55.9	59.4
3621 CN	54.	60.	48.	9/15	1.6	42.	1.0	57.0	58.4
EX 929	53.	62.	44.	9/15	1.6	37.	1.0		
EX 936	59.	71.	46.	9/15	1.4	38.	1.0		
WILSON SEEDS									
3250	55.	66.	44.	9/08	1.3	37.	1.0		
AVERAGE	53.6	64.5	42.7	..	1.5	39	1.0	55.3	58.0
L.S.D. 10% LEVEL	4.1	4.0	4.3	..	0.3	3	..	..	..
L.S.D. 30% LEVEL	2.6	2.5	2.7	..	0.2	2	..	..	..
STD ERR OF TRT MN	1.2	1.7	1.8	..	0.1	1	..	2.8	3.0

MATURITY GROUP IV

DEKALB PLANT GENETICS									
CX 404	58.	68.	47.	9/22	1.7	39.	1.0		
GOLDEN HARVEST									
H-1407	55.	69.	42.	9/21	1.7	39.	1.0		
J M SCHULTZ SEED CO.									
JMS 4140	58.	66.	49.	9/22	2.2	41.	1.0		
KITCHEN SEED CO.									
402 C	51.	62.	41.	9/24	2.5	43.	1.0		
PAYCO SEEDS									
9241	55.	67.	43.	9/20	1.8	38.	1.0		
PIONEER HI-BRED INTERN.									
9443	55.	63.	48.	9/24	2.3	39.	1.0	53.2	
PUBLIC VARIETY									
FLYER	54.	66.	43.	9/20	1.3	39.	1.0	53.9	55.5
HAMILTON	54.	62.	46.	9/14	2.1	39.	1.0	53.8	58.4
NILE	48.	54.	42.	9/23	2.9	44.	1.0	49.0	
AVERAGE	54.3	64.8	44.9	..	2.1	40	1.0	52.5	56.9
L.S.D. 10% LEVEL	5.2	5.2	5.4	..	0.3	2	..	..	..
L.S.D. 30% LEVEL	3.2	3.2	3.4	..	0.2	1	..	..	..
STD ERR OF TRT MN	1.5	2.1	2.2	..	0.1	1	..	2.3	2.1

Region V: Brownstown (BR) and Belleville (BE) (30-inch row spacing)

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(BR)	(BE)				2-Yr 3-Yr		
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
MATURITY GROUP III									
ASGROW SEED CO.									
A 3431	49.	40.	59.	9/16	1.0	29.	1.0		
A 3733	50.	40.	60.	9/21	1.1	28.	1.0	54.7	48.0
BAKER SEED CO.									
3905	43.	39.	46.	9/19	1.1	31.	1.0	47.8	41.7
BELLEVILLE SEED HOUSE									
BSH 399 NR	51.	40.	62.	9/16	1.3	35.	1.0	51.7	

Brand	1992 Results								Average	
	Reg.	(BR)	(BE)					2-Yr	3-Yr	
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld	
Cultivar or Blend	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A	
BERGMANN-TAYLOR										
BT 399 C	47.	37.	56.	9/15	1.1	30.	1.0	52.2	45.0	
BROWN SEED ENTERPRISES										
ARISE 383-C	53.	41.	65.	9/21	1.4	34.	1.0			
ARISE 393	49.	37.	60.	9/17	1.2	30.	1.0			
CALLAHAN ENTERPRISES										
1380 N	45.	36.	55.	9/15	1.5	30.	1.0	50.1	44.4	
1410	48.	36.	61.	9/19	1.4	30.	1.0	51.5	45.6	
2366	47.	34.	59.	9/14	1.2	30.	1.0	52.3		

Region V: Brownstown (BR) and Belleville (BE) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
CALLAHAN, continued									
3393 NX	46.	33.	58.	9/15	1.4	34.	1.0		
7390	46.	35.	58.	9/15	1.0	31.	1.0	52.8	45.1
COUTANT SEED FARM									
XP 3550	41.	31.	51.	9/14	1.0	27.	1.0		
DEKALB PLANT GENETICS									
CX 340 C	48.	34.	62.	9/14	1.1	32.	1.0	51.3	
CX 366	47.	35.	59.	9/14	1.3	33.	1.0	51.5	
GOLDEN HARVEST									
H-1355	45.	34.	56.	9/16	1.3	34.	1.0	50.7	
H-1358	48.	39.	57.	9/14	1.1	30.	1.0	55.3	
X-356	43.	33.	54.	9/09	1.0	27.	1.0		
GROWMARK									
HS 3833	51.	38.	63.	9/20	1.0	30.	1.0	55.5	48.7
HYPERFORMER SEED CO.									
HSC 360	49.	39.	59.	9/15	1.1	31.	1.0	56.0	48.5
HSC 373	48.	36.	60.	9/14	1.1	32.	1.0	53.0	
I.C.I. SEEDS									
371	45.	34.	56.	9/15	1.0	29.	1.0		
379	42.	31.	53.	9/13	1.2	28.	1.0		
CONQUEST	45.	34.	56.	9/14	1.2	31.	1.0	51.3	44.7
DIAMOND D-301	44.	30.	57.	9/14	1.2	35.	1.0	50.4	43.9
J M SCHULTZ SEED CO.									
JMS 3791	45.	30.	59.	9/16	1.1	28.	1.0	52.6	
JACQUES SEED CO.									
J-380 C	48.	40.	57.	9/14	1.1	31.	1.0	53.8	
JADER SEED									
J 3910	41.	34.	48.	9/16	1.0	37.	1.0		
J 3911	53.	40.	67.	9/24	1.3	35.	1.0		
LYNKS SEEDS									
5376	42.	27.	57.	9/08	1.1	28.	1.0	51.8	46.0
MC CURDY SEED CO.									
389 C	46.	37.	56.	9/16	1.2	34.	1.0		
NORTHROP KING CO.									
S 39-11	53.	41.	65.	9/17	1.4	36.	1.0		
X 9138	50.	38.	62.	9/16	1.6	32.	1.0		
PIONEER HI-BRED INTERN.									
9381	47.	33.	61.	9/15	1.2	29.	1.0		
9392	50.	38.	61.	9/16	1.2	31.	1.0	55.0	
PLT BRDG CONSULTANTS									
EX 9239	50.	39.	60.	9/17	1.1	28.	1.0		
PRAIRIE STREAM FARMS									
PSF 350 N	47.	34.	61.	9/14	1.0	31.	1.0		
PSF 368 A	44.	35.	54.	9/14	1.3	34.	1.0		
PRINCETON FARMS									
PF 3787	47.	35.	59.	9/17	1.1	30.	1.0	53.7	47.7
PUBLIC VARIETY									
CARTTER	37.	32.	41.	9/12	1.3	30.	1.0	41.8	37.2
CHAMBERLAIN	45.	36.	55.	9/14	1.3	34.	1.0	46.7	41.3
EDISON	43.	33.	53.	9/14	1.0	27.	1.0	47.4	41.1
FAYETTE	49.	40.	57.	9/19	1.7	36.	1.0	50.7	44.5
HOBBIT 87	33.	28.	39.	9/12	1.0	18.	1.0	39.2	34.5
KUNITZ	37.	29.	45.	9/14	1.3	33.	1.0	43.7	38.4
LINFORD	50.	40.	61.	9/20	1.8	36.	1.0	52.5	45.9
PELLA 86	35.	28.	42.	9/08	1.0	28.	1.0	41.7	37.1
RESNIK	40.	29.	51.	9/12	1.0	27.	1.0	44.3	38.5
SHERMAN	44.	33.	54.	9/12	1.4	29.	1.0	48.9	41.7
THORNE	41.	29.	53.	9/13	1.3	27.	1.0		
WILLIAMS 82	47.	37.	57.	9/20	1.4	33.	1.0	50.7	43.8

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
TERRA INTERNATIONAL									
FINALIST	44.	35.	53.	9/13	1.0	29.	1.0	48.8	41.5
TR 390 SCN	47.	37.	57.	9/12	1.2	32.	1.0	52.9	
VICTORY	44.	34.	54.	9/15	1.1	36.	1.0	49.0	43.5
TRISLER SEED FARMS									
TRISOY 3440	41.	32.	50.	9/12	1.0	30.	1.0	48.3	
TRISOY 364	44.	34.	55.	9/13	1.2	37.	1.0	49.6	44.5
TRISOY 3716	43.	32.	54.	9/14	1.0	30.	1.0	50.4	43.8
TWIN STATES									
9330	43.	33.	54.	9/14	1.2	28.	1.0		
9353	47.	36.	58.	9/15	1.1	28.	1.0		
9380	44.	35.	53.	9/13	1.2	36.	1.0	50.8	43.8
9390	47.	36.	58.	9/16	1.1	30.	1.0	52.7	
U.A.P. SEED CO.									
DYNA-GRO 3340	45.	33.	57.	9/13	1.2	31.	1.0		
DYNA-GRO 3371	44.	39.	49.	9/16	1.0	27.	1.0		
UPHOFF SEEDS									
3012	48.	38.	57.	9/18	1.7	37.	1.0		
3650	46.	36.	56.	9/15	1.4	32.	1.0	51.3	
VIGORO									
KE 358	46.	35.	58.	9/14	1.2	36.	1.0	50.7	44.0
KE 371	48.	35.	61.	9/20	1.1	27.	1.0	54.9	
KE 389	47.	35.	59.	9/14	1.2	30.	1.0	52.5	
KE 392	45.	33.	57.	9/15	1.2	34.	1.0	51.0	
WILDY SEED									
WS 3508	46.	31.	60.	9/15	1.2	31.	1.0	53.8	46.9
WS 3838	50.	40.	59.	9/22	1.7	35.	1.0	53.2	46.9
AVERAGE	45.4	34.9	55.9	..	1.2	31	1.0	50.7	43.5
L.S.D. 10% LEVEL	5.6	4.8	6.4	..	0.2	3	..	..	..
L.S.D. 30% LEVEL	3.5	3.0	4.0	..	0.1	2	..	..	..
STD ERR OF TRT MN	1.7	2.0	2.7	..	0.1	1	..	3.7	3.5

MATURITY GROUP IV

AGRATECH SEEDS INC.									
495	52.	44.	60.	10/04	2.5	42.	1.0		
ASGROW SEED CO.									
A 4138	56.	47.	65.	9/25	1.6	35.	1.0		
A 4715	60.	52.	69.	10/04	1.3	37.	1.0	66.2	58.0
BAKER SEED CO.									
4215	53.	45.	60.	9/29	1.3	41.	1.0	57.4	
4500	49.	42.	56.	9/26	1.0	29.	1.0	53.1	
BELLEVILLE SEED HOUSE									
BSH 404	47.	40.	54.	9/20	1.0	32.	1.0		
BSH 440	50.	44.	56.	10/02	2.0	43.	1.0	59.5	52.5
BERGMANN-TAYLOR									
BT 413 C	54.	46.	63.	9/24	1.4	36.	1.0		
BT 463 C	49.	43.	56.	9/27	1.3	38.	1.0		
BT 471	53.	46.	60.	10/02	1.4	34.	1.0	58.1	49.6
BT 500 C	50.	44.	56.	10/04	2.4	38.	1.0	55.1	49.9
CALLAHAN ENTERPRISES									
1466 N	49.	40.	59.	9/28	1.4	38.	1.0	50.4	
3444 X	51.	42.	60.	9/24	1.1	36.	1.0		
3455 NX	53.	45.	62.	9/29	1.5	43.	1.0		
8464	52.	45.	59.	9/24	1.6	37.	1.0	52.5	46.0
DEKALB PLANT GENETICS									
CX 404	48.	41.	55.	9/21	1.0	30.	1.0		
CX 415	46.	41.	52.	9/22	1.2	34.	1.0	49.7	44.3
CX 469 C	56.	48.	64.	9/27	1.3	39.	1.0	57.7	

Region V: Brownstown (BR) and Belleville (BE) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
GOLDEN HARVEST									
H-1407	50.	42.	57.	9/20	1.2	32.	1.0		
GREAT LAKES HYBRIDS									
GL 4104	50.	41.	60.	9/20	1.2	31.	1.0		
GROWMARK									
HS 4103	49.	40.	57.	9/24	1.0	31.	1.0	51.2	45.5
HS E 411	55.	44.	65.	9/25	1.5	37.	1.0		
HYPERFORMER SEED CO.									
HSC 401	51.	47.	56.	10/04	2.0	44.	1.0	57.5	51.0
I.C.I. SEEDS									
JACKSON II	53.	45.	62.	9/23	1.8	37.	1.0	57.4	50.8
DIAMOND SC-400	48.	40.	56.	9/19	1.1	33.	1.0	54.3	
EX 24408 N	55.	46.	65.	9/26	1.0	37.	1.0		
J M SCHULTZ SEED CO.									
JMS 4109	50.	42.	59.	9/25	1.3	35.	1.0	51.6	45.2
JMS 4140	54.	45.	63.	9/25	1.1	31.	1.0		
JMS 4409	52.	45.	59.	9/21	1.5	36.	1.0		
JMS 4515	51.	46.	57.	9/27	1.7	44.	1.0		
JACQUES SEED CO.									
J-445	50.	44.	56.	9/24	1.2	37.	1.0		
J-467	53.	43.	62.	10/01	1.7	36.	1.0		
JADER SEED									
J 420	46.	42.	50.	9/21	1.2	32.	1.0	52.4	
J 4881	54.	45.	63.	10/04	2.7	43.	1.0		
LEWIS HYBRIDS									
452	53.	46.	60.	9/26	1.6	43.	1.0		
LYNKS SEEDS									
5415	49.	38.	61.	9/21	1.3	33.	1.0	54.2	
5424	50.	41.	58.	9/21	1.2	40.	1.0		
MERSCHMAN SEEDS									
ATLANTA II	53.	48.	59.	9/25	1.6	38.	1.0	53.2	46.7
AUSTIN	55.	47.	64.	9/30	1.6	36.	1.0	56.8	
CLEVELAND II	55.	45.	66.	9/24	1.5	38.	1.0		
DALLAS	55.	47.	63.	10/04	1.8	42.	1.0	60.4	53.3
DENVER III	51.	43.	60.	10/03	1.9	41.	1.0	56.6	50.3
HOUSTON II	54.	45.	62.	9/28	1.3	41.	1.0		
McKINLEY	49.	41.	57.	9/19	1.2	33.	1.0		
RICHMOND II	53.	43.	64.	9/22	1.8	36.	1.0		
NORTHROP KING CO.									
X 9146	59.	51.	66.	9/26	1.1	38.	1.0		
PAYCO SEEDS									
9241	48.	41.	55.	9/18	1.1	30.	1.0		

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
PIONEER HI-BRED INTERN.									
9402	47.	37.	57.	9/18	1.3	34.	1.0		
9443	49.	38.	59.	9/20	1.2	32.	1.0	50.0	
PRINCETON FARMS									
PF 4490	54.	45.	62.	9/24	1.8	38.	1.0		
PUBLIC VARIETY									
DELISOY 4210	55.	44.	65.	9/27	1.7	39.	1.0	55.6	47.0
DELISOY 4710	59.	48.	70.	10/04	2.0	42.	1.0	61.3	
FLYER	42.	40.	45.	9/19	1.0	31.	1.0	44.7	39.8
HAMILTON	43.	36.	49.	9/16	1.1	31.	1.0	47.1	41.8
NILE	48.	43.	52.	9/22	1.6	41.	1.0	52.6	
PHARAOH	57.	49.	64.	10/08	2.0	40.	1.0	60.0	52.9
PYRAMID	51.	43.	58.	9/24	1.9	40.	1.0	54.1	47.4
SPRY	51.	47.	56.	10/04	2.3	42.	1.0	58.8	52.9
STINE SEED CO.									
4350	52.	46.	58.	9/27	2.0	42.	1.0		
TERRA INTERNATIONAL									
TS 402	49.	41.	58.	9/20	1.3	31.	1.0		
TRISLER SEED FARMS									
TRISOY 4120	46.	38.	54.	9/20	1.1	32.	1.0	51.1	
TRISOY 4310	45.	35.	56.	9/17	1.3	41.	1.0	47.0	
U.A.P. SEED CO.									
UAPX 75	47.	38.	57.	9/20	1.1	30.	1.0		
UPHOFF SEEDS									
4017	50.	40.	60.	9/24	1.5	37.	1.0	51.6	
VIGORO									
KE 453	52.	47.	57.	9/30	1.4	42.	1.0		
WILDY SEED									
EX 4502	54.	47.	61.	9/28	1.3	37.	1.0		

MATURITY GROUP V

PIONEER HI-BRED INTERN.									
9521	54.	49.	60.	10/12	2.0	39.	1.0		
AVE. (GROUP IV-V)									
L.S.D. 10% LEVEL	51.2	43.1	59.3	..	1.5	37	1.0	54.5	48.7
L.S.D. 30% LEVEL	5.0	4.4	5.5	..	0.3	4	..	..	..
STD ERR OF TRT MN	3.1	2.8	3.5	..	0.2	2	..	..	..
	1.5	1.9	2.4	..	0.1	1	..	4.6	4.5

Region VI: Carbondale (CA) and Dixon Springs (DS) (30-inch row spacing)

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(CA)	(DS)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
MATURITY GROUP III									
CALLAHAN ENTERPRISES									
1410	47.	28.	67.	9/08	1.5	33.	1.0	52.6	48.9
3393 NX	50.	31.	70.	9/06	2.0	38.	1.0		
7390	51.	34.	68.	9/08	1.2	38.	1.0		
CIBA-GEIGY SEED									
3362	52.	25.	79.	9/08	1.2	34.	1.0		
3385	43.	22.	64.	9/10	1.4	32.	1.0	51.9	48.3

CIBA-GEIGY, continued

3388	49.	31.	66.	9/05	1.2	34.	1.0	54.5	49.7
JADER SEED									
J 3911	50.	35.	66.	9/13	1.6	34.	1.0		
PIONEER HI-BRED INTERN.									
9392	50.	34.	66.	9/08	1.1	35.	1.0	58.2	
PLT BRDG CONSULTANTS									
EX 9239	53.	33.	74.	9/06	1.5	33.	1.0		

Region VI: Carbondale (CA) and Dixon Springs (DS) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(CA)	(DS)					2-Yr 3-Yr	
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
PUBLIC VARIETY									
CARTTER	45.	36.	54.	9/02	1.5	33.	1.0	47.8	43.5
CHAMBERLAIN	44.	26.	62.	9/09	1.9	37.	1.0	47.6	44.6
EDISON	43.	25.	60.	9/05	1.0	30.	1.0	47.5	45.5
FAYETTE	47.	38.	56.	9/15	1.5	41.	1.0	52.2	47.9
HOBBIT 87	42.	24.	60.	9/04	1.0	19.	1.0	43.2	40.1
KUNITZ	41.	24.	58.	9/06	1.1	37.	1.0	46.7	42.9
LINFORD	48.	40.	57.	9/10	2.0	37.	1.0	54.4	49.8
PELLA 86	42.	22.	62.	9/01	1.2	30.	1.0	48.7	46.0
RESNIK	40.	19.	62.	9/05	1.2	31.	1.0	47.2	44.3
SHERMAN	46.	23.	70.	9/03	1.2	32.	1.0	51.2	46.2
THORNE	42.	15.	70.	9/04	1.2	29.	1.0		
WILLIAMS 82	41.	17.	64.	9/12	1.4	34.	1.0	47.5	44.1
SOUTHERN CROSS									
ISAAC	53.	29.	76.	9/09	1.2	36.	1.0	57.6	52.0
SOUTHERN STATES COOP									
FFR-398	46.	23.	69.	9/16	1.4	33.	1.0	55.9	
SS-390	45.	23.	67.	9/10	1.2	33.	1.0		
TERRA INTERNATIONAL									
TR 390 SCN	50.	35.	66.	9/06	1.2	34.	1.0	53.3	
VICTORY	47.	30.	64.	9/10	1.3	38.	1.0	52.0	48.5
U.A.P. SEED CO.									
DYNA-GRO 3340 . . .	51.	39.	62.	9/08	1.2	37.	1.0		
DYNA-GRO 3371 . . .	45.	25.	66.	9/06	1.0	29.	1.0		
UPHOFF SEEDS									
3012	51.	38.	64.	9/14	2.7	40.	1.0		
WILDY SEED									
WS 3508	50.	36.	63.	9/05	1.1	35.	1.0	54.3	
WS 3838	46.	32.	59.	9/12	1.6	36.	1.0	51.8	
AVERAGE	46.3	27.9	64.7	..	1.4	34	1.0	51.2	46.4
L.S.D. 10% LEVEL . .	7.5	9.2	5.5	..	0.5	4	..	..	..
L.S.D. 30% LEVEL . .	4.7	5.8	3.4	..	0.3	2	..	..	..
STD ERR OF TRT MN	2.3	3.9	2.3	..	0.1	1	..	3.9	3.1

MATURITY GROUP IV

AGRATECH SEEDS INC.									
495	50.	42.	59.	10/02	2.6	31.	1.0		
ASGROW SEED CO.									
A 4138	55.	36.	75.	9/20	1.9	38.	1.0		
A 4715	59.	44.	74.	9/28	1.6	38.	1.0	61.5	55.6
BAKER SEED CO.									
4215	56.	41.	70.	9/24	1.8	41.	1.0		
BERGMANN-TAYLOR									
BT 413 C	46.	28.	63.	9/16	1.9	37.	1.0		
BT 463 C	45.	37.	54.	9/23	1.7	38.	1.0		
BT 471	43.	23.	63.	9/23	2.1	34.	1.0	51.0	47.4
BT 500 C	51.	43.	60.	10/02	2.6	36.	1.0	53.0	48.8
BIO-DELT									
2146	50.	27.	72.	9/25	1.7	36.	1.0	54.1	
2449	49.	36.	61.	10/14	2.8	47.	1.0		
CALLAHAN ENTERPRISES									
1466 N	53.	38.	67.	9/22	1.9	40.	1.0	53.8	
1490	55.	28.	81.	10/01	1.8	39.	1.0	56.8	53.9
3444 X	54.	29.	79.	9/22	1.7	38.	1.0		
3455 NX	53.	42.	63.	9/27	1.8	44.	1.0		
3484 N	53.	34.	72.	9/23	1.8	39.	1.0		
8464	50.	33.	68.	9/20	1.9	38.	1.0	53.7	49.6

Brand Cultivar or Blend	1992 Results								Average	
	Reg.	(CA)	(DS)					2-Yr	3-Yr	
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld	
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A	
CIBA-GEIGY SEED										
3411	49.	28.	70.	9/14	1.5	33.	1.0	49.5		
3482	54.	47.	61.	10/02	2.7	36.	1.0			
DEKALB PLANT GENETICS										
CX 404	49.	33.	66.	9/12	1.4	34.	1.0			
CX 415	49.	32.	66.	9/13	1.6	38.	1.0	50.8	48.3	
CX 458	49.	29.	69.	9/18	1.4	36.	1.0	53.9	50.5	
CX 469 C	54.	43.	66.	9/20	1.7	41.	1.0	56.3		
GREAT LAKES HYBRIDS										
GL 4104	48.	32.	65.	9/15	1.7	34.	1.0			
GROWMARK										
HS 4103	50.	32.	67.	9/17	1.3	34.	1.0			
HS E 411	56.	37.	74.	9/24	1.7	37.	1.0			
HS E 481	57.	40.	73.	9/29	1.6	40.	1.0			
HYPERFORMER SEED CO.										
HSC 401	56.	34.	78.	9/27	2.9	39.	1.0	57.2	52.7	
J M SCHULTZ SEED CO.										
JMS 4109	52.	42.	62.	9/20	1.8	39.	1.0	49.9	47.1	
JMS 4409	49.	35.	62.	9/22	2.2	38.	1.0	49.1		
JMS 4515	47.	29.	66.	9/17	2.1	42.	1.0			
JMS 4809	51.	50.	52.	10/01	2.4	36.	1.0			
JACOB HARTZ SEED CO.										
H 4242	49.	34.	64.	10/06	2.1	33.	1.0			
H 4464	58.	44.	72.	10/01	2.3	41.	1.0	57.6	52.3	
JADER SEED										
J 461	51.	34.	68.	9/23	1.8	35.	1.0			
J 4881	53.	46.	60.	10/02	2.4	37.	1.0	54.9		
NORTHROP KING CO.										
X 9146	57.	44.	69.	9/21	1.5	42.	1.0			
PIONEER HI-BRED INTERN.										
9443	48.	35.	61.	9/20	1.6	33.	1.0	47.2		
PRINCETON FARMS										
PF 4191	48.	32.	64.	9/14	1.6	34.	1.0	51.9		
PF 4391	56.	38.	74.	9/19	1.6	36.	1.0	54.2		
PF 4490	54.	40.	68.	9/17	2.1	38.	1.0	55.2	50.7	
PUBLIC VARIETY										
DELLOY 4210	47.	35.	59.	9/18	2.2	40.	1.0	46.6	46.2	
DELLOY 4710	49.	37.	61.	10/02	2.8	42.	1.0	50.1		
FLYER	45.	25.	66.	9/07	1.4	33.	1.0	47.3	44.3	
HAMILTON	46.	27.	64.	9/11	1.6	31.	1.0	44.0	42.5	
NILE	52.	43.	60.	9/14	2.3	42.	1.0	50.7		
PHARAOH	52.	43.	60.	10/04	2.1	35.	1.0	55.4	51.8	
PYRAMID	52.	40.	64.	9/22	2.3	42.	1.0	48.8	45.7	
SPRY	55.	40.	71.	9/27	2.3	33.	1.0	60.2	55.9	
SOUTHERN CROSS										
CAIN	49.	34.	63.	9/14	2.4	39.	1.0			
JACOB	57.	39.	75.	9/21	1.9	37.	1.0	59.1	53.5	
SAMSON	51.	30.	73.	9/29	1.9	41.	1.0			
SOUTHERN STATES COOP										
FFR-464	54.	35.	73.	9/23	1.9	41.	1.0	55.6	52.2	
SS-487	50.	29.	71.	9/20	1.4	36.	1.0	50.6	49.9	
STINE SEED CO.										
4390	55.	37.	73.	9/29	1.6	27.	1.0			
STONE SEED FARMS										
SE-402	49.	36.	63.	9/13	1.5	41.	1.0			
SE-405	51.	35.	66.	9/16	1.8	37.	1.0			
TERRA INTERNATIONAL										
TS 402	49.	29.	69.	9/17	1.6	34.	1.0			
TRISLER SEED FARMS										
TRISOY 4120	45.	24.	65.	9/11	1.6	32.	1.0	48.8	46.4	

Region VI: Carbondale (CA) and Dixon Springs (DS) (30-inch row spacing), continued

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(CA)	(DS)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
TRISLER, continued									
TRISOY 4310	46.	29.	62.	9/08	1.5	39.	1.0	45.8	
UPHOFF SEEDS									
4017	49.	35.	62.	9/19	1.7	38.	1.0	51.0	
AVERAGE	51.2	35.9	66.8		1.9	37	1.0	52.5	49.8
L.S.D. 10% LEVEL	7.5	8.3	6.8		0.4	4			
L.S.D. 30% LEVEL	4.8	5.2	4.3		0.2	3			
STD ERR OF TRT MN	2.3	3.5	2.9		0.1	1		4.2	3.7

MATURITY GROUP V

ASGROW SEED CO.									
A 5403	55.	46.	64.	10/16	2.7	37.	1.0		
BIO-DELT									
2157	45.	35.	56.	10/21	3.9	41.	1.0	55.9	
2250	53.	37.	69.	10/11	2.0	32.	1.0		
CALLAHAN ENTERPRISES									
3500 X	49.	25.	74.	10/06	1.7	41.	1.0		
3545 NX	53.	42.	64.	10/14	2.5	39.	1.0		
7510 N	53.	37.	69.	10/14	2.1	38.	1.0	60.6	57.1

Brownstown (7-inch row spacing)

Brand Cultivar or Blend	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A

MATURITY GROUP III

JACQUES SEED CO.							
J-399	45.	9/26	1.0	28.	1.0	43.6	
PIONEER HI-BRED INTERN.							
9381	31.	9/18	1.0	25.	1.0		
9392	33.	9/21	1.0	26.	1.0	38.6	
PUBLIC VARIETY							
CARTTER	28.	9/18	1.0	27.	1.0	32.0	23.5
CHAMBERLAIN	33.	9/19	1.0	28.	1.0	31.3	24.1
EDISON	32.	9/20	1.0	26.	1.0	31.8	25.4
FAYETTE	37.	9/28	1.2	32.	1.0	34.7	28.1
HOBBIT 87	30.	9/18	1.0	19.	1.0	32.5	24.5
KUNITZ	22.	9/21	1.0	28.	1.0	27.1	
LINFORD	37.	9/26	1.3	33.	1.0	35.6	28.6
PELLA 86	24.	9/17	1.0	27.	1.0	27.5	22.6
RESNIK	26.	9/20	1.0	25.	1.0	30.0	25.7
SHERMAN	24.	9/16	1.0	24.	1.0	28.3	21.7
THORNE	29.	9/16	1.0	25.	1.0		
WILLIAMS 82	30.	9/30	1.0	29.	1.0	30.1	23.3
TERRA INTERNATIONAL							
FINALIST	34.	9/18	1.0	26.	1.0	36.9	30.0
TR 390 SCN	38.	9/21	1.0	27.	1.0		
VICTORY	30.	9/18	1.0	32.	1.0	34.0	29.0
U.A.P. SEED CO.							
DYNA-GRO 3340	37.	9/20	1.0	30.	1.0		
DYNA-GRO 3371	38.	9/19	1.0	29.	1.0		

Brand Cultivar or Blend	1992 Results							Average	
	Reg.	(CA)	(DS)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
GROWMARK									
HS E 521	49.	37.	61.	10/17	2.7	36.	1.0		
HYPERFORMER SEED CO.									
HSC 501	55.	39.	71.	10/13	2.2	37.	1.0	61.4	55.1
JACOB HARTZ SEED CO.									
H 5033	51.	35.	67.	10/14	2.2	35.	1.0		
MERSCHMAN SEEDS									
RUSHMORE	50.	32.	67.	10/14	2.0	35.	1.0		
NORTHROP KING CO.									
COKER 6955	48.	39.	56.	10/17	2.6	35.	1.0	56.9	51.7
PIONEER HI-BRED INTERN.									
9521	57.	44.	70.	10/11	2.5	38.	1.0	63.8	
9551	49.	36.	62.	10/16	2.5	34.	1.0	58.1	
SOUTHERN STATES COOP									
FFR-561	52.	32.	72.	10/17	2.2	38.	1.0	61.1	54.1
FFR-EX 38108	54.	42.	65.	10/12	2.2	36.	1.0		
SS-516	51.	39.	63.	10/17	2.5	41.	1.0	59.5	53.4
AVERAGE	51.4	37.2	65.6		2.4	37	1.0	59.6	54.3
L.S.D. 10% LEVEL	5.5	6.0	5.2		0.5	5			
L.S.D. 30% LEVEL	3.5	3.7	3.3		0.3	3			
STD ERR OF TRT MN	1.7	2.5	2.2		0.2	1		2.6	2.0

Brand Cultivar or Blend	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A

UPHOFF SEEDS

3012	44.	9/28	1.3	37.	1.0		
3650	35.	9/20	1.0	28.	1.0	37.8	
AVERAGE	32.5		1.0	28	1.0	33.2	25.6
L.S.D. 10% LEVEL	6.8		0.1	2			
L.S.D. 30% LEVEL	4.2		0.1	1			
STD ERR OF TRT MN	2.9		0.1	1		4.5	2.8

MATURITY GROUP IV

ASGROW SEED CO.							
A 4715	41.	10/09	1.0	28.	1.0		
PIONEER HI-BRED INTERN.							
9402	31.	9/28	1.0	27.	1.0		
9443	31.	9/28	1.0	25.	1.0	28.8	
PUBLIC VARIETY							
DEL SOY 4210	38.	10/02	1.0	35.	1.0	30.8	25.7
DEL SOY 4710	39.	10/09	1.0	33.	1.0	35.8	
FLYER	27.	9/19	1.0	26.	1.0	28.8	22.9
HAMILTON	28.	9/18	1.0	27.	1.0	32.9	27.4
NILE	36.	9/26	1.0	34.	1.0	35.0	
PHARAOH	49.	10/12	1.0	37.	1.0	42.7	36.0
PYRAMID	38.	9/27	1.2	33.	1.0		
SPRY	40.	10/09	1.8	40.	1.0	38.1	33.8
TERRA INTERNATIONAL							
TS 402	28.	9/22	1.0	25.	1.0		

Brownstown (7-inch row spacing), continued

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
U.A.P. SEED CO.							
UAPX 75	27.	9/20	1.0	27.	1.0		
UPHOFF SEEDS							
4017	32.	9/30	1.0	29.	1.0		

MATURITY GROUP V

PIONEER HI-BRED INTERN.							
9521	57.	10/14	1.5	33.	1.0		

Urbana (7-inch row spacing)

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
AINSWORTH SEED CO.							
2A-88	55.	9/12	1.8	38.	1.0		
DISCOVERY	51.	9/13	1.9	38.	1.0		
DAIRYLAND SEED CO.							
DSR-262	57.	9/11	1.5	38.	1.0	56.4	59.0
DSR-288	57.	9/12	1.0	33.	1.0	56.6	
DIENER BROS.							
DB 277	53.	9/12	1.1	39.	1.0		
PIONEER HI-BRED INTERN.							
9273	58.	9/11	1.9	35.	1.0	57.9	61.5
PUBLIC VARIETY							
ARCHER	47.	9/03	1.9	37.	1.0	36.2	43.2
BURLISON	51.	9/12	1.4	36.	1.0	51.6	56.7
CHAPMAN	56.	9/11	1.5	38.	1.0	54.5	58.2
CONRAD	51.	9/12	1.6	34.	1.0	51.5	55.7
HACK	53.	9/11	1.7	33.	1.0	46.4	51.2
IA 2007	43.	9/15	2.1	36.	1.0	47.8	
IA 2008	49.	9/11	2.1	38.	1.0	42.2	
JACK	56.	9/14	2.7	43.	1.0	54.0	57.9
KENWOOD	51.	9/11	2.1	37.	1.0	50.8	54.2
TERRA INTERNATIONAL							
FLAME	61.	9/17	1.4	41.	1.0	59.6	
WINNER	53.	9/11	1.8	36.	1.0	50.8	55.3
TRISLER SEED FARMS							
TRISOY 2700	54.	9/12	1.7	36.	1.0		
TRISOY 2730	56.	9/12	1.3	40.	1.0		
TWIN STATES							
9275	54.	9/12	1.3	40.	1.0	52.1	
9278	48.	9/13	1.6	36.	1.0		
U.A.P. SEED CO.							
DYNA-GRO 3290	57.	9/12	1.7	37.	1.0		
UPHOFF SEEDS							
2901	60.	9/17	1.8	38.	1.0		
WILKEN SEED GRAINS							
2560	49.	9/14	1.2	34.	1.0	53.1	
2566	46.	9/12	1.4	35.	1.0	49.5	
2570	45.	9/12	1.4	37.	1.0	44.8	
2571 CN	55.	9/13	1.5	39.	1.0		

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
AVERAGE (GROUP IV-V)	36.2	..	1.1	31	1.0	34.1	29.1
L.S.D. 10% LEVEL	4.6	..	0.3	3	..	..	..
L.S.D. 30% LEVEL	2.9	..	0.2	2	..	..	..
STD ERR OF TRT MN	1.9	..	0.1	1	..	4.8	5.5

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
AVERAGE	52.9	..	1.6	37	1.0	50.9	55.3
L.S.D. 10% LEVEL	5.4	..	0.4	3	..	..	..
L.S.D. 30% LEVEL	3.4	..	0.2	2	..	..	..
STD ERR OF TRT MN	2.3	..	0.2	1	..	5.8	5.1

MATURITY GROUP III

AINSWORTH SEED CO.							
3A-55	47.	9/26	1.9	37.	1.0		
3A-69	47.	9/18	1.3	38.	1.0		
ASGROW SEED CO.							
A 3237	56.	9/19	1.7	40.	1.0		
CHALLENGER SEED CO.							
CSV 3150	52.	9/18	1.4	40.	1.0		
CIBA-GEIGY SEED							
3311	48.	9/17	1.3	37.	1.0	51.5	
3344	52.	9/18	1.6	41.	1.0	51.7	
3362	53.	9/19	1.3	40.	1.0		
3385	59.	9/18	1.5	40.	1.0	56.6	
3388	53.	9/19	1.7	41.	1.0	51.7	
DAIRYLAND SEED CO.							
DSR-305	49.	9/18	2.0	39.	1.0	50.1	
DSR-331	49.	9/18	1.7	37.	1.0		
DSR-333	49.	9/18	1.7	42.	1.0	51.6	54.9
DSR-373	56.	9/19	1.7	42.	1.0	54.2	58.0
DIENER BROS.							
DB 311	51.	9/17	1.0	37.	1.0		
DB 387 A	53.	9/22	1.5	44.	1.0		
XV 9231	52.	9/19	1.0	34.	1.0		
XV 9235	54.	9/19	1.4	39.	1.0		
GREAT HEART SEED							
G 333	55.	9/19	1.5	44.	1.0		
G 356	51.	9/25	2.5	40.	1.0		
HYPERFORMER SEED CO.							
HSC 317	52.	9/18	2.0	40.	1.0		
HSC 355	48.	9/19	1.5	38.	1.0		
JACQUES SEED CO.							
J-357	43.	9/19	1.5	38.	1.0	49.1	

Urbana (7-inch row spacing), continued

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
NOBLEBEAR							
NB 3225	48.	9/18	1.1	38.	1.0		
NB 3350	49.	9/24	2.2	36.	1.0	48.3	53.9
NBX 3210	51.	9/19	1.7	42.	1.0		
PAYCO SEEDS							
9233	49.	9/18	1.5	34.	1.0		
PS 9036	53.	9/18	1.5	38.	1.0		
PIONEER HI-BRED INTERN.							
9303	49.	9/16	1.8	35.	1.0	49.9	57.2
9341	52.	9/16	1.3	39.	1.0	53.1	57.5
9381	53.	9/18	1.5	38.	1.0	52.9	56.1
9392	53.	9/19	1.0	39.	1.0	52.0	
PUBLIC VARIETY							
CARTTER	45.	9/17	2.8	38.	1.0	47.1	52.6
CHAMBERLAIN	44.	9/26	3.5	40.	1.0	48.7	53.4
EDISON	49.	9/23	1.5	36.	1.0	50.8	57.1
HOBBIT 87	43.	9/20	1.0	20.	1.0	44.8	48.3
KUNITZ	45.	9/26	2.5	42.	1.0	48.8	
LINFORD	50.	10/01	3.5	40.	1.0	46.4	51.6
PELLA 86	42.	9/18	1.8	38.	1.0	43.7	50.8
RESNIK	45.	9/18	1.5	37.	1.0	49.4	55.6
SHERMAN	49.	9/18	2.8	37.	1.0	51.3	56.3
THORNE	48.	9/19	1.4	38.	1.0		
STONE SEED FARMS							
EX-3032	48.	9/17	1.3	39.	1.0		
SE-304	50.	9/19	1.3	36.	1.0	53.4	

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
TERRA INTERNATIONAL							
TORCH	53.	9/19	1.5	40.	1.0	56.5	
TS 312	50.	9/15	1.2	36.	1.0		
TRISLER SEED FARMS							
TRISOY 3311	56.	9/19	1.7	39.	1.0		
TRISOY 3980	51.	9/17	1.3	39.	1.0		
TWIN STATES							
9314	53.	9/17	1.5	39.	1.0		
9323	51.	9/17	1.2	39.	1.0		
9330	47.	9/24	1.5	37.	1.0	50.3	56.5
9353	38.	9/25	1.5	32.	1.0		
9380	50.	9/26	1.7	41.	1.0		
9390	51.	9/25	2.0	42.	1.0	50.0	
U.A.P. SEED CO.							
DYNA-GRO 3301	51.	9/18	1.7	40.	1.0		
DYNA-GRO 3340	51.	9/19	1.9	41.	1.0	49.8	
DYNA-GRO 3371	34.	9/23	1.6	32.	1.0	45.2	
UAPX 89	50.	9/26	2.0	44.	1.0		
UPHOFF SEEDS							
3101	48.	9/18	2.0	39.	1.0		
VORIS SEEDS							
V-320	51.	9/17	1.7	40.	1.0		
AVERAGE	49.6	..	1.7	39	1.0	50.3	54.7
L.S.D. 10% LEVEL	6.1	..	0.4	3	..	..	..
L.S.D. 30% LEVEL	3.8	..	0.3	2	..	..	..
STD ERR OF TRT MN	2.6	..	0.2	1	..	3.1	2.8

Dwight (7-inch row spacing)

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
MATURITY GROUP I							
DERAEDT SEED CO.							
1776	51.	9/16	2.0	36.	1.0		
PROFISEED							
PS 2555	42.	9/18	1.3	31.	1.0		
PUBLIC VARIETY							
BELL	49.	9/18	2.5	36.	1.0	37.0	44.0
BSR 101	49.	9/04	1.8	37.	1.0	34.3	43.1

MATURITY GROUP II

ASGROW SEED CO.							
A 2396	42.	9/18	2.8	39.	1.0		
CIBA-GEIGY SEED							
3282	50.	9/16	1.4	34.	1.0		
DAIRYLAND SEED CO.							
DSR-262	55.	9/20	1.5	40.	1.0	42.3	48.9
DSR-288	47.	9/25	1.8	33.	1.0	37.0	

Brand	1992 Results					Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	Yld.
Cultivar or Blend	Bu/A	Date	ing	(in)	ter	Bu/A	Bu/A
DERAEDT SEED CO.							
2000	50.	9/15	1.8	37.	1.0		
2020	50.	9/15	2.2	41.	1.0	39.1	
2101	55.	9/23	1.8	41.	1.0	40.3	
2155	54.	9/15	2.0	35.	1.0	38.2	47.7
2244	54.	9/20	1.6	38.	1.0		
2345	49.	9/20	2.2	37.	1.0		
2747	55.	9/20	1.5	44.	1.0		
GOLDEN HARVEST							
H-1260	50.	9/15	3.6	38.	1.0	38.3	
H-1271	53.	9/20	1.5	44.	1.0	40.0	
X-266	46.	9/18	1.1	38.	1.0		
GRIFFITH SEED CO.							
3351 X	50.	9/14	2.1	38.	1.0		
PL 2025	48.	9/21	1.4	34.	1.0		
PL 2120	53.	9/22	2.0	41.	1.0		
PL 2230	50.	9/21	1.9	39.	1.0		
HENKEL SEEDS							
SS 522	57.	9/21	1.6	43.	1.0	42.9	49.4
SS 524	52.	9/18	1.6	44.	1.0	42.0	50.2
SS 526	54.	9/22	1.2	41.	1.0	38.0	
SS 620	55.	9/21	1.9	38.	1.0		

Dwight (7-inch row spacing), continued

Brand Cultivar or Blend	1992 Results					Average 91-92 90-92	
	Yld Bu/A	Mat. Date	Lodg- ing	Hgt. (in)	Shat- ter	Yld. Bu/A	Yld. Bu/A
KALTENBERG SEED FARMS							
KB 241	53.	9/21	1.5	33.	1.0		
KB 250	51.	9/20	2.4	34.	1.0		
KB 261	54.	9/25	2.6	41.	1.0		
KB 292	50.	9/21	1.6	40.	1.0		
MUIRHEAD FARMS							
MF 252	43.	9/15	3.1	37.	1.0		
NOBLEBEAR							
NB 2780	51.	9/15	1.8	42.	1.0	39.1	
NB 2890	57.	9/24	1.6	38.	1.0	40.0	48.7
PAYCO SEEDS							
9126	52.	9/24	2.2	38.	1.0		
9225	50.	9/20	1.6	31.	1.0		
PS 8927	57.	9/18	1.2	39.	1.0		
PIONEER HI-BRED INTERN.							
9273	49.	9/16	2.2	37.	1.0	41.7	50.2
PUBLIC VARIETY							
ARCHER	47.	9/18	1.6	38.	1.0	31.8	41.3
BURLISON	52.	9/20	2.0	37.	1.0	41.1	48.5
CHAPMAN	48.	9/20	2.2	38.	1.0	35.5	43.1
CONRAD	46.	9/20	2.1	36.	1.0	32.6	41.9
HACK	43.	9/16	3.3	36.	1.0	32.6	41.8
IA 2007	56.	9/27	2.9	41.	1.0	42.2	
IA 2008	53.	9/15	2.6	41.	1.0	35.1	
JACK	57.	9/30	2.2	45.	1.0	42.1	48.2
KENWOOD	48.	9/14	3.5	42.	1.0	35.0	41.5
TERRA INTERNATIONAL							
FLAME	60.	9/29	2.2	40.	1.0	46.7	
TS 205	49.	9/15	2.8	34.	1.0		
TS 253	54.	9/18	1.6	35.	1.0		
U.A.P. SEED CO.							
DYNA-GRO 3240	53.	9/24	2.6	37.	1.0		
UPHOFF SEEDS							
2900	55.	9/28	2.6	45.	1.0		
WILKEN SEED GRAINS							
2560	53.	9/24	1.9	36.	1.0	41.7	49.0
2566	49.	9/15	1.8	42.	1.0	39.9	49.3
2570	51.	9/20	2.0	41.	1.0	39.0	46.5
AVERAGE (GROUP I-II)	51.2	..	2.0	38	1.0	38.8	46.3
L.S.D. 10% LEVEL	6.0	..	0.6	3	..	..	..
L.S.D. 30% LEVEL	3.8	..	0.4	2	..	..	..
STD ERR OF TRT MN	2.5	..	0.3	1	..	3.6	3.4

Brand Cultivar or Blend	1992 Results					Average 91-92 90-92	
	Yld Bu/A	Mat. Date	Lodg- ing	Hgt. (in)	Shat- ter	Yld. Bu/A	Yld. Bu/A
MATURITY GROUP III							
CIBA-GEIGY SEED							
3311	45.	9/22	1.9	38.	1.0		
DIENER BROS.							
DB 311	52.	9/27	2.3	39.	1.0		
XV 9231	54.	9/28	2.1	36.	1.0		
GRIFFITH SEED CO.							
PL 3100	53.	9/22	2.9	39.	1.0		
KALTENBERG SEED FARMS							
KB 362	55.	9/28	1.8	42.	1.0		
PIONEER HI-BRED INTERN.							
9303	51.	9/20	2.7	38.	1.0	39.6	45.5
9341	54.	9/25	2.4	41.	1.0	42.1	48.7
PUBLIC VARIETY							
CARTTER	45.	9/30	3.0	40.	1.0	38.1	45.3
CHAMBERLAIN	55.	10/06	2.5	44.	1.0	43.4	48.7
EDISON	48.	10/01	2.1	38.	1.0	37.7	
HOBBIT 87	55.	9/29	1.0	23.	1.0	45.7	49.9
PELLA 86	46.	9/25	2.3	39.	1.0	37.5	44.2
RESNIK	53.	9/25	1.9	42.	1.0	40.5	48.7
SHERMAN	53.	9/30	3.7	39.	1.0	41.5	46.8
THORNE	54.	9/26	2.1	40.	1.0		
STEWART HYBRIDS							
321	59.	9/22	2.1	39.	1.0		
324	53.	10/06	2.2	36.	1.0		
334	44.	9/24	2.4	42.	1.0		
SPLE	44.	9/25	2.7	41.	1.0		
TERRA INTERNATIONAL							
TORCH	61.	9/30	1.8	44.	1.0	46.7	
TS 312	48.	9/24	2.1	37.	1.0		
UPHOFF SEEDS							
3101	54.	9/27	2.4	40.	1.0		
AVERAGE	51.3	..	2.3	39	1.0	41.3	47.2
L.S.D. 10% LEVEL	5.4	..	0.3	2	..	..	..
L.S.D. 30% LEVEL	3.3	..	0.2	1	..	..	..
STD ERR OF TRT MN	2.2	..	0.1	1	..	3.2	2.1

